TRANSNET

INDEX AND DIAGRAMS OF GOODS VEHICLES PART II TANK WAGONS

INDEKS EN DIAGRAMME VAN GOEDEREVOERTUIE DEEL II TENKTROKKE

1 065 GAUGE
SPOORWYDTE

FOR OPEN AND COVERED WAGONS SEE PART I
FOR NON REVENUE EARNING VEHICLES (TYPES N AND V) SEE PART III

VIR OOP- EN TOETROKKE KYK DEEL I
VIR NIE-INKOMSTEDRAENDE VOERTUIE (TIPES N-EN V) KYK DEEL III

GENERAL MANAGER
(Rolling Stock)
SPOORNET
Anker Building
VERWOERDBURGSTAD
P.O.Box 23
JOHANNESBURG STATION
2134

HOOFBESTUURDER
(Rollende Materiaal)
SPOORNET
Ankergebou
VERWOERDBURGSTAD
Posbus 23
JOHANNESBURGSTASIE
2134

ISSUED / UITGEREIK 91-07-30
REFERENCE / VERWYSING S/RM(WV) 15/8/5/5

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PART II
TANK WAGONS

INDEKS EN DIAGRAMME VAN GOEDEREVOERTUIE
DEEL II
TENKTROKKE

GAUGE
1065
SPOORWYDTE

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SPOORNET
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VERWOERDBURGSTAD
P.O. BOX 23
JOHANNESBURG STATION
2134

REFERENCE : S/RM(WV) 15/8/5/5

DATE : 91-07-30

TELEPHONE : (088) 8268 INTERNAL
(012) 6719-268 POST OFFICE

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OPGESTEL, VERKOOP EN VERSPREI DEUR
HOOFBESTUURDER (ROLLENDE MATERIAAL)
SPOORNET
KAMER 305 ANKERGEBOU
VERWOERDBURGSTAD
POSBUS 23
JOHANNESBURGSTASIE
2134

VERWYSING : S/RM(WV) 15/8/5/5

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KOPIEREGVERKLARING : KOPIëRING OF HERDRUK
TOEGELAAT SLEGS VIR TRANSNET DOELEINDES.

ISBN 1-86805-006-8

NOTICE TO STAFF

1. Alterations to this book will be published periodically in the Summary of Alterations.
   Amendments, new and reprinted pages are issued to Business units/Business concerns.

2. Staff concerned are responsible for keeping their copies of this book up to date.

3. The General Manager (Rolling Stock) should be notified of any discrepancies.

4. Officers should apply to their respective Business units /Business concerns for amendments, new and reprinted pages for this book.

KENNISGEWING AAN PERSONEEL

1. Veranderings aan hierdie boek sal van tyd tot tyd in die Opsomming van Veranderings verskyn.
   Wysigings, nuwe en herdrukte bladsye sal aan die betrokke Besigheidseenhede/Besigheidsondernemings uitgereik word.

2. Die betrokke personeel is verantwoordelik om die eksemplare in hul besit bygewerk te hou.

3. Teenstrydighede moet onder die aandag van die (Hoofbestuurder (Rollende Materiaal) gebring word.

4. Amptenare moet by hulle onderskeie Besigheidseenhede/ Besigheidsondernemings aansoek doen vir wysigings, nuwe en herdrukte bladsye vir hierdie boek.

STANDARD DATA APPLICABLE TO WAGON STOCK UNLESS STATED OTHERWISE

Coupler Height:- 895 ± 6
Wheel Diameter:- Ø 863 ± 5
Vacuum:- 54 Kilopascals in cylinder
Air:- 345 Kilopascals in cylinder

STANDAARDDATA VAN TOEPASSING OP TROKKE BEHALWE WAAR ANDERS GEMELD

Koppelaarhoogte:- 895 ± 6
Wieldiameter:- Ø 863 ± 5
Vakuum:- 54 Kilopascal in silinder
Druklug:- 345 Kilopascal in silinder

BRAKE SYSTEM

Brake percentage for wagons fitted with dual brake system are given with change-over lever in the empty and loaded positions respectively.

The symbol against the brake system denotes:-

V-Vacuum, L-Air, D-Dual Power Manually operated, A-Dual Power Automatically operated, R-Slack Adjuster.

REMSTELSEL

Rempersentasie vir trokke met tweekragremstelsel word aangedui met die oorskakelhefboom onderskeidelik in leeg en gelaaide stand.

Die simbool teenoor die remstelsel dui aan :-

V-Vakuum , L-Lug , D-Tweekrag Handbediening, A-Tweekrag Outomatiese bediening, R-Remverstelle.

DRAWGEAR EQUIPMENT

The symbol against the drawgear equipment denotes:-

KK Coupler hydraulic cushioning device.
SSC Centre sill hydraulic cushioning device.

TREKWERKUITRUSTING

Die simbool teenoor die trekwerkuitrusting dui aan :-

KK Koppelaar hidroulliese kussinginrigting.
SSC Middelbalk hidroulliese kussinginrigting.

WAGON CODE

D In position 2, 3 or 4 denotes:- Dual Power Vacuum Brake.
L In position 2, 3 or 4 denotes:- Air Brake
R In position 2, 3 or 4 denotes:- Dual Power Air Brake.
V In position 3 or 4 denotes:- Vacuum Brake
J In position 2, 3 or 4 denotes:- Vacuum Brake System and Rejection Lugs on Brake Shoes

TROKKODE

D In posisie 2, 3 of 4 dui aan:- Tweekragvakuumrem.
L In posisie 2, 3 of 4 dui aan:- Druklugrem.
R In posisie 2, 3 of 4 dui aan:- Tweekragdruklugrem.
V In posisie 3 of 4 dui aan:- Vakuumrem.
J In posisie 2, 3 of 4 dui aan:- Vakuumremstelsel en Uitskotore op Remskoene.

REVISION / HERSIENING								REFERENCE / VERWYSING	S/RM(WV) 15/8/5/5
DATE / DATUM									

CLASSIFICATION - KLASSIFIKASIE

VEHICLE NUMBERS VOERTUIGNOMMERS	DESCRIPTION BESKRYWING	TYPE TIPE
18-010 008/18-499 996	Massasementtenktrokke. Bulk Cement Tank Wagons.....	XB; XBJ; XBLJ
18-500 005/18-799 981	.....	
18-800 009/18-899 994	Massa-aldoeltenktrokke. Bulk General Purpose Tank Wagons.....	XXG
18-900 003/18-999 999	.....	
30-010 004/30-499 992	Aldoeltenktrokke. General Purpose Tank Wagons.....	X; XJ; XLJ
30-500 001/30-999 995	.....	
31-010 008/31-499 996	Ammoniakvloeistoftenktrokke. Ammonia Liquor Tank Wagons.....	XA; XAJ; XALJ
31-500 005/31-999 999	.....	
32-010 001/32-499 981	Kreosoottenktrokke. Creosote Tank Wagons.....	XC; XCJ; XCLJ
32-500 009/32-999 992	.....	
33-010 005/33-999 996	Korttenktrokke. Short Tank Wagons.....	XE
34-010 009/34-599 991	Fosforsuurtenktrokke. Phosphoric Acid Tank Wagons.....	XF; XFJ; XFLJ
34-600 000/34-999 981	Fosforsuurtenktrokke. Phosphoric Acid Tank Wagons.....	XFL
35 010 002/35-999 993	Diverse Tenktrokke. Miscellaneous Tank Wagons.....	XM; XMD; XMJ; XMLJ
36-010 006/36-499 994	Watervryammoniaktenktrokke. Anhydrous Ammonia Tank Wagons.....	XN; XNJ; XNLJ
36-500 003/36-999 999	.....	
37-010 018/37-499 998	Brandolietenktrokke. Heavy Furnace Oil Tank Wagons.....	XO; XOJ; XOLJ
37-500 007/37-999 990	.....	

REVISION HERSIENING						REFERENCE: VERWYSING:	S/RM(WV) 15/8/5/5
DATE DATUM						PAGE BLADSY	1

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CLASSIFICATION - KLASSIFIKASIE

VEHICLE NUMBERS VOERTUIGNOMMERS	DESCRIPTION BESKRYWING	TYPE TIPE
38-013 002/38-999 994	Petroltenktrokke. Petrol Tank Wagons.....	XP; XPD; XPJ; XPLJ
39-010 007/39-499 995	Strooptenktrokke. Treacle Tank Wagons.....	XQ; XQJ; XQLJ
39-500 004/39-999 998	.....	
40-010 007/40-499 955	Aldoelvlekvrystaaltenktrokke. General Purpose Stainless Steel Tank Wagons.....	XX; XXJ; XXLJ
40-500 004/40-999 998	.....	
41-010 000/41-999 991	Huishoudelikewatertenktrokke. Domestic Water Tank Wagons.....	XH; XHJ; XHLJ
42-010 004/42-999 995	.....	
43-011 004/43-999 999	Swawelsuurtenktrokke. Sulphuric Acid Tank Wagons.....	XS; XSJ; XSLJ
44-010 001/44-499 981	Teertenktrokke. Tar Tank Wagons.....	XT; XTJ; XTLJ
44-500 009/44-999 992	.....	
45-010 005/45-999 996	.....	
46-010 009/46-499 997	Vloeipetroleumgastenktrokke. Liquefied Petroleum Gas Tank Wagons.....	XV; XVJ; XVLJ
46-500 006/46-999 981	.....	
47-010 002/47-499 990	Dranktenktrokke. Liquor Tank Wagons.....	XW; XWJ; XWLJ
47 500 018/47-999 993	Eetbareolietenktrokke. Edible Oil Tank Wagons.....	XYJ; XYLJ
48-011 002/48-499 993	Bytsodatenktrokke. Caustic Soda Tank Wagons.....	XZ; XZJ; XZLJ; XZA
48-500 003/48-999 997	.....	
49-010 018/49-019 996	.....	

REVISION HERSIENING						REFERENCE: VERWYSING: S/RMK(WW) 15/8/5/5
DATE DATUM						PAGE BLADSY 2

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CLASSIFICATION - KLASSIFIKASIE

VEHICLE NUMBERS VOERTUIGNOMMERS	DESCRIPTION BESKRYWING	TYPE TIPE
49-020 005/49-059 998	Diverse Tenktrokke. Miscellaneous Tank Wagons.....	WM; WMJ; WMLJ
49-060 007/49-069 993	Diverse Tenktrokke. Miscellaneous Tank Wagons.....	WP; WPJ; WPLJ
49-070 002/49-129 996	Dranktenktrokke. Liquor Tank Wagons.....	WW; WWJ; WWLJ
49-180 002/49-999 990	.....	

REVISION HERSIENING						REFERENCE: VERWYSING: S/RM(WV) 15/8/5/3
DATE DATUM						PAGE BLADSY 3

WAGON TYPES AND NUMBER OF WAGONS IN SERVICE AS AT 1990-10-31 PART II PAGE 1

TROKTIPES EN GETAL TROKKE IN DIENS SOOS OP DEEL BLADSY

TYPE TIPE	NUMBER GETAL	TYPE TIPE	NUMBER GETAL	TYPE TIPE	NUMBER GETAL	TYPE TIPE	NUMBER GETAL	TYPE TIPE	NUMBER GETAL
WM-1	1	XBLJ-11	66	XMLJ-9	1	XPJ-19	100	XVJ-8	65
WM-2	1	XBLJ-12	257			XPJ-20	10	XVJ-9	40
WM-3	31	XBLJ-13	94	XN-2	119	XPJ-21	300		
				XN-3	49			XW-1	1
WP-1	24	XC-4	1	XN-4	20	XPLJ-21	18	XW-2	27
		XC-8	18	XN-5	34			XW-4	17
WW-3	1	XC-9	1	XN-6	74	XQLJ-1	397	XW-5	20
		XC-10	20			XQLJ-2	123	XW-6	10
X-1	96	XC-11	28	XNJ-5	41	XQLJ-3	75	XW-8	4
X-2	126			XNJ-6	1				
X-3	219	XF-1	15	XNJ-7	145	XS-6	28	XWJ-1	1
X-4	57	XF-2	20	XNJ-8	18	XS-7	17	XWJ-7	2
X-5	25	XF-3	24	XNJ-9	5	XS-11	67		
X-16	108	XF-4	26					XX-1	58
X-17	15			XO-1	10	XSJ-1	33	XX-2	1
X-18	7			XO-3	364	XSJ-8	67	XX-3	1
X-19	19			XO-4	2	XSJ-9	38	XX-4	30
X-20	29	XFJ-1	10	XO-5	43	XSJ-10	25	XX-5	10
X-21	8	XFJ-4	5			XSJ-11	62		
X-24	2	XFJ-5	2	XOJ-2	24	XSJ-12	200	XXG-1	1
X-25	5					XSJ-13	50		
		XFL-5	143	XP-6	98			XYJ-1	60
XA-2	6			XP-7	16	XT-1	1		
XA-3	10	XFLJ-1	24	XP-8	2	XT-2	2	XZ-2	3
		XFLJ-3	1	XP-9	24	XT-6	7	XZ-3	5
XB-1	1	XFLJ-4	19	XP-10	409	XT-7	20	XZ-4	40
XB-2	1	XFLJ-5	50	XP-13	60	XT-8	11	XZ-5	4
XB-3	49	XFLJ-6	100	XP-16	1	XT-9	36	XZ-9	4
XB-4	49			XP-17	67	XT-10	5		
XB-5	328	XH-1	72	XP-18	99	XT-11	22	XZA-1	2
XB-6	198	XH-2	106					XZA-8	17
XB-7	14			XPD-14	15	XV-3	2		
XB-8	18	XJ-18	241	XPD-15	41	XV-4	10	XZJ-5	68
XB-9	21	XJ-21	370			XV-5	25	XZJ-6	75
XB-10	98	XJ-24	180	XPJ-7	564	XV-6	25	XZJ-7	25
				XPJ-9	265	XV-7	25		
XBJ-7	132			XPJ-10	200	XV-10	28	XZAJ-1	17
XBJ-8	496	XM-6	18	XPJ-11	94				
XBJ-9	376			XPJ-12	49	XVJ-1	55	XZLJ-7	50
XBJ-11	382	XMJ-3	9	XPJ-14	74	XVJ-2	24		
XBJ-12	43	XMJ-4	5	XPJ-15	451	XVJ-3	28		
XBJ-13	6	XMJ-9	39	XPJ-16	129	XVJ-4	40		

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

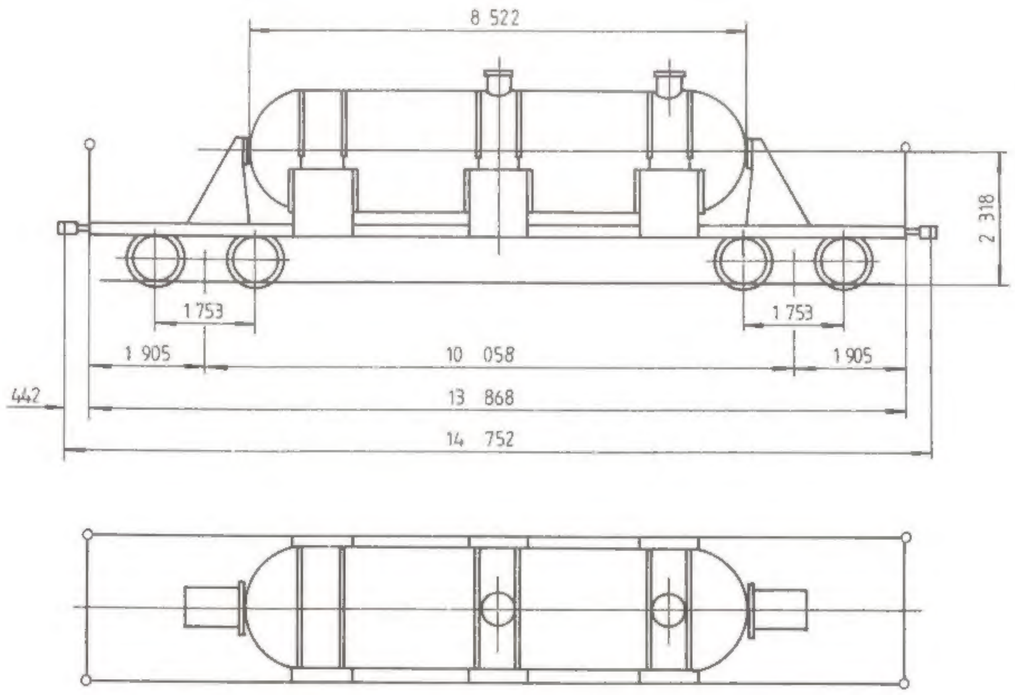
A Dual Power - Automatic / Tweekrag - Outomaties / Slack Adjuster / Remversteller

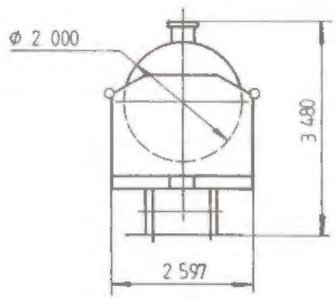
V Vacuum / Vakuum

L Air / Lug

D Dual Power - Manually operated / Tweekrag - Handbediening

XXM - 1





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
49 - 020 005	1937

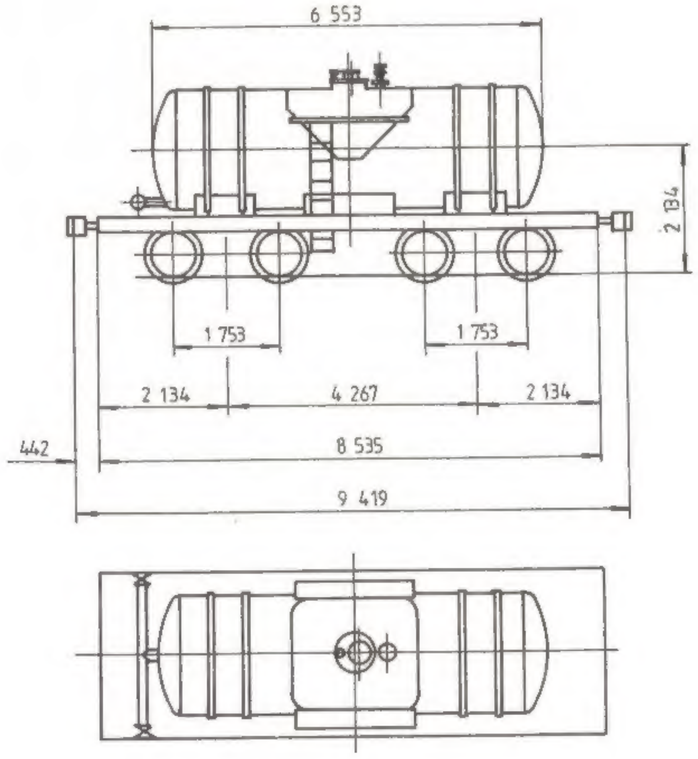
Remarks / Opmerkings : TANK PROPERTY OF / TENK EIENDOM VAN HOLLAND ELECTRO CHEMICAL INDUSTRIES

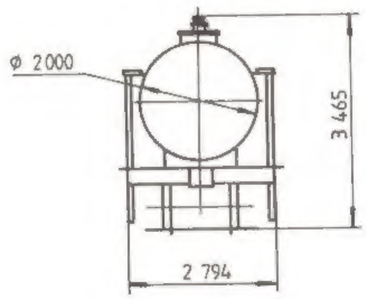
Converted from / Omskep van	Date / Datum
DZ - 7 ◓	1953

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	DNR 737/11 - 000		Centre of Gravity (Empty) / Swaartepunt (Leeg)		Capacity (full) / Inhoudsvermoë (vol) L	24 640	Tare (Average) / Tarra (Gemiddeld) kg	24 520
Bogie Type / Draaisteltipe	DIAMOND FRAME / RUITRAAM				Contents / Inhoud		Capacity / Inhoudsvermoë L	Mass / Massa kg
Bearing Size / Laergrootte	10 x 5				VINYL ACETATE MONOMER / VINIELASETAATMONOMEER		23 640	22 090
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	8/0		Tank Material / Tenkmateriaal	ALUMINIUM				
Brake System / Remstelsel	V		Tank Lining / Tenkvoering					
Brake Cylinders / Remsilinders	(V) 2 / 21	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000				
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (50)	(L)	Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE ◓				
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 70,6 / 37,1	(L)	Converted for / Omskep vir	VINYL ACETATE MONOMER / VINIELASETAATMONOMEER				
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		Revision / Hersiening					
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		Date / Datum					

WM - 1





Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
49 - 030 019	1958

Converted from Omskep van	Date Datum
S - 15 ◓	1955-59

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

XXM-2

Remarks / Opmerkings :-

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitstruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	CME 108 / 12 - A21		
Bogie Type / Draaisteltipe	DIAMOND FRAME / RUITRAAM		
Bearing Size / Laergrootte	10 × 5		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	8 / 0		
Brake System / Remstelsel	V		
Brake Cylinders / Remsilinders	(V) 1/21	(L)	
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50)	(L)	
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 69,5 / 31,9	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)						
Tank Material / Tenkmateriaal	SPEC. SPES. CME y. SYM SIM. E					
Tank Lining / Tenkvoering	RUBBER					
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor						
Originally designed for / Oorspronklik ontwerp vir	ABNORMAL LOADS / ABNORMALE VRAGTE ◓					
Converted for / Omskep vir	SODIUM HYPOCHLORITE LIQUOR / NATRIUMHIPOCHLORIETVLOEISTOF					
Revision / Hersiening						
Date / Datum						

Capacity (full) / Inhoudsvermoë (vol) L	15 090	Tare (Average) / Tarra (Gemiddeld) kg	19 470
Contents / Inhoud		Capacity / Inhoudsvermoë L	Mass / Massa kg
CAUSTIC SODA EFFLUENT / BYTSODA AFVAL	15 [illegible]		22 960

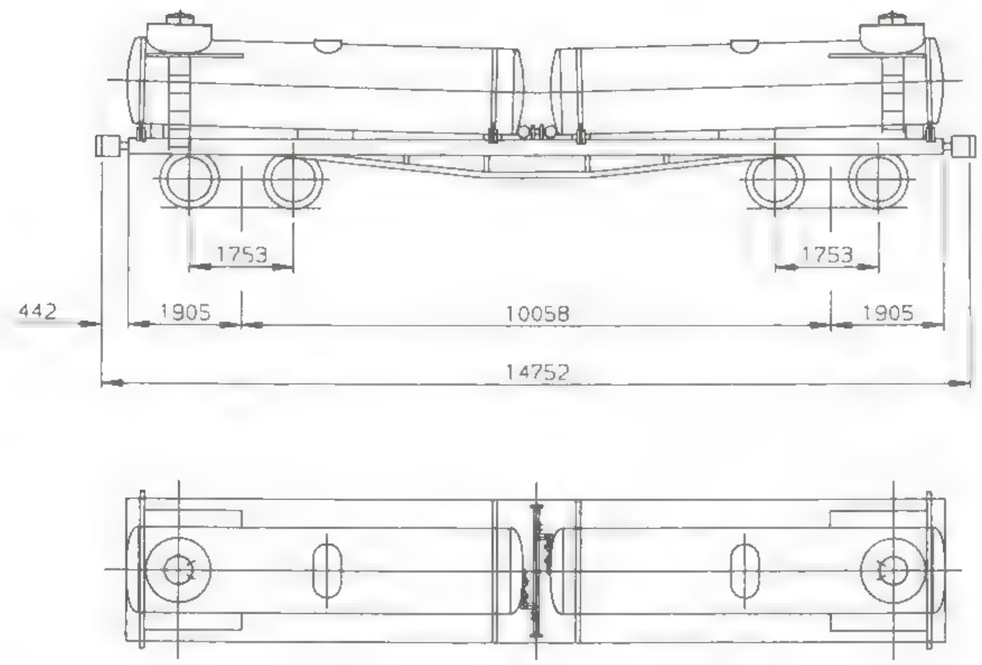
WM-2

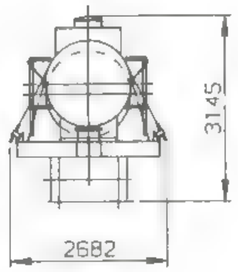
10

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidroulliese kussinginrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidroulliese kussinginrigting





Remarks
Opmerkings

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12-A99

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
✳1 49-040 049 / 49-040 162	1957-1963
✳1 49-040 189 / 49-040 219	1954-1963
✳1 49-040 286 / 49-040 391	1960-1963
✳2 49-040 170	1954
✳2 49-040 227 / 49-040 278	1959-1965

Converted from / Omskep van		Date / Datum
✳3 NPS-2	✳ ex / uit DZ-7	1988-1989
✳3 NPS-4	✳2 ex / uit DZ-7	1988-1989

Brake System - Remstelsel

A Dual Power - Automatic / Tweekrag - Outomaties
Slack Adjuster / Remverstelle
R

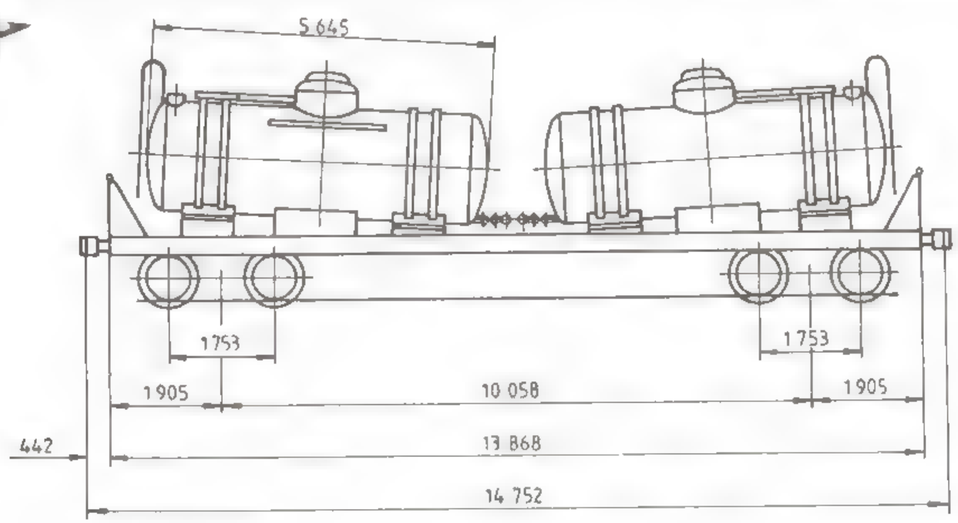
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

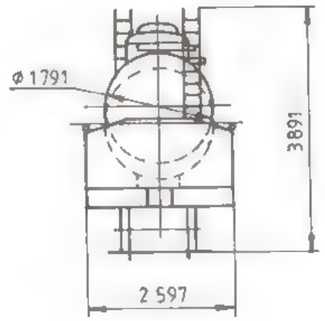
Drawing Number / Tekeningnommer		CME 671/12-C99	
Bogie Type / Draaistelтipe		SARCAST	
Bearing Size / Laergrootte		10x5	
Springs per Bogie / Vere per Draaistel	Outer / Inner / Buite / Binne	6/0	
Brake System / Remstelsel		V/R	
Brake Cylinders / Remsilinders		(V) 2/21	(L)
Train Pipe/Treinpyp / Brake Pipe/Rempyp		(V) 65	(L)
Brake Percentage / Rempersentasie	Empty/Loaded / Leeg/Met Vrag	(V) 58,4/22,6	(L)
Drawgear Equipment / Trekwerkuitrusting		AAR M901 E	
Coupler/Yoke / Koppelaar/Juk		SASKOP-S / SAR-SAS	

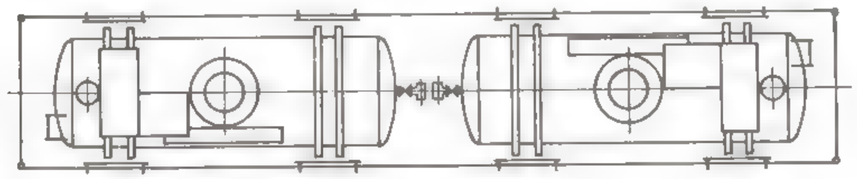
Centre of Gravity (Empty) / Swaartepunt (Leeg)			Capacity(full) / Inhoudsvermoë(vol) l	20 920	Tare(Average) / Tarra(Gemiddeld) kg	23 290
			Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass / Massa kg
			LIQUID FERTILIZER / VLOEIBARE KUNSMIS		20 920	36 800
Tank Material / Tenkmateriaal	SPEC / SPES CME 9	SYM / SIM 8				
Tank Lining / Tenkvoering						
Design Limit-Mass on Rail / Ontwerplimiet-Massa op Spoor kg						
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE ✳3					
Converted for / Omskep vir	LIQUID FERTILIZER / VLOEIBARE KUNSMIS					
Revision / Hersiening						
Date / Datum						

WM-3

CAD.No. A8/0028







Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidroulliese kussinginrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

A Dual Power - Automatic / Tweekrag - Outomaties

R Slack Adjuster / Remversteller

V Vacuum / Vakuum

L Air / Lug

Dual Power - Manually operated / Tweekrag - Handbediening

WP-1

Remarks / Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
49 - 060 007 / 49 - 060 279	1940 - 67

Converted from / Omskep van	Date / Datum
DZ-7 *1	1968

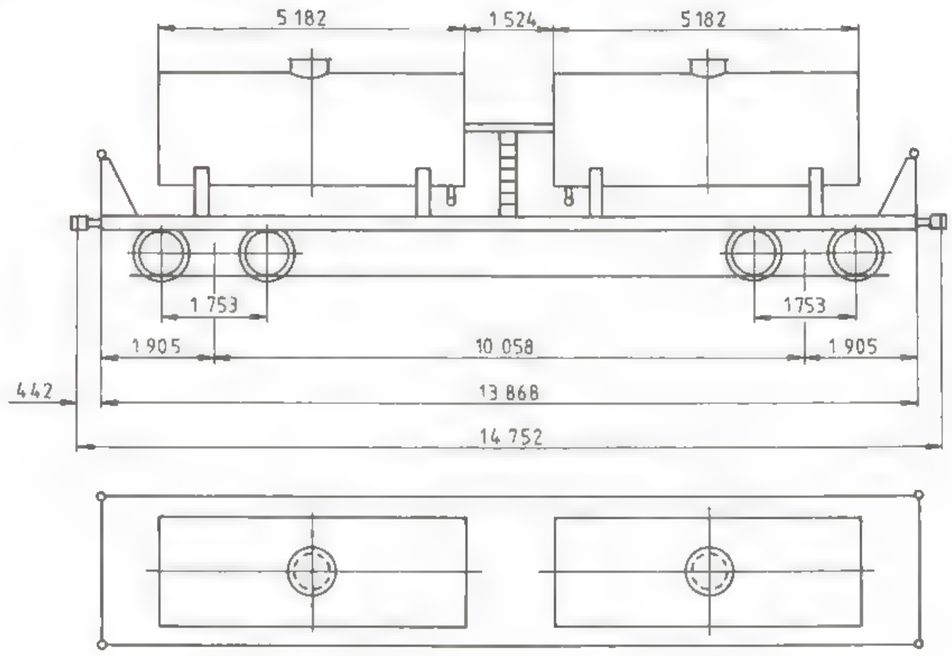
For actual loads, capacities and ullages see drawing number / Vir werklike vragte inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12 - A99

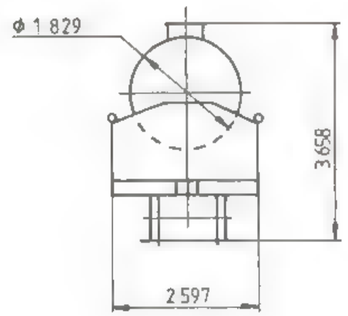
Drawing Number / Tekeningnommer	
Bogie Type / Draaisteltipe	SARCAST
Bearing Size / Laergrootte	10×5
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6 / 0
Brake System / Remstelsel	V
Brake Cylinders / Remsilinders	(V) 2/21 (L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50) (L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 70 8/28 9 (L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS

Centre of Gravity (Empty) / Swaartepunt (Leeg)						Capacity (full) / Inhoudsvermoe (vol) L		Tare (Average) / Tarra (Gemiddeld) kg: 24 450
						Contents / Inhoud	Capacity / Inhoudsvermoe L	Mass / Massa kg
						LIQUID FERTILIZER / VLOEIBARE KUNSMIS	28 230	35 500
Tank Material / Tenkmateriaal	SPEC / SPES CME 9, SYM / SIM B							
Tank Lining / Tenkvoering								
Design Limit - Mass on Rail kg / Ontwerplimiet Massa op Spoor	60 000							
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE *1							
Converted for / Omskep vir	LIQUID FERTILIZER / VLOEIBARE KUNSMIS							
Revision / Hersiening								
Date / Datum								

WP - 1

12





Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidroulies kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidroulies kussinginrigting

XXD-3

Brake System - Remstelsel

A Dual Power-Automatic
Tweekrag-Outomaties
Slack Adjuster
R Remverstelller

V Vacuum
Vakuum
L Air
Lug
D Dual Power – Manually operated
Tweekrag – Handbediening

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
49-090 011	1957

Remarks :- TANKS PROPERTY OF STELLENBOSCH FARMERS' WINERY LTD
Opmerkings :- TENKE EIENDOM VAN BPK

Converted from Omskep van	Date Datum
DZ-7 ◓	1961

For actual loads, capacities and ullages see drawing number CME 240/12-A99
Vir werklike vragte, inhoudsvermoens en uitsituimtes kyk tekening nommer

Drawing Number Tekeningnommer		
Bogie Type Draaisteltipe	DIAM FRAME RUITRAAM	SARCAST
Bearing Size Laergrootte	10×5	10×5
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	8/0	6/0
Brake System Remstelsel	V	
Brake Cylinders Remsilinders	(V) 2/21	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50)	(L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 79/39,8	(L)
Drawgear Equipment Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke Koppelaar / Juk	SASKOP-S / SAR-SAS	

Centre of Gravity (Empty) Swaartepunt (Leeg)					Capacity (full) ℓ Inhoudsvermoë (vol) ℓ	Tare (Average) kg Tarra (Gemiddeld) kg
					Contents Inhoud	Capacity Inhoudsvermoe ℓ / Mass Massa kg
					LIQUOR DRANK	20 060 / 21 560
Tank Material Tenkmateriaal						
Tank Lining Tenkvoering						
Design Limit-Mass on Rail kg Ontwerplimiet-Massa op Spoor	60 000					
Originally designed for Oorspronklik ontwerp vir	GENERAL GOODS ALGEMENE GOEDERE ◓					
Converted for Omskep vir	LIQUOR DRANK					
Revision Hersiening						
Date Datum						

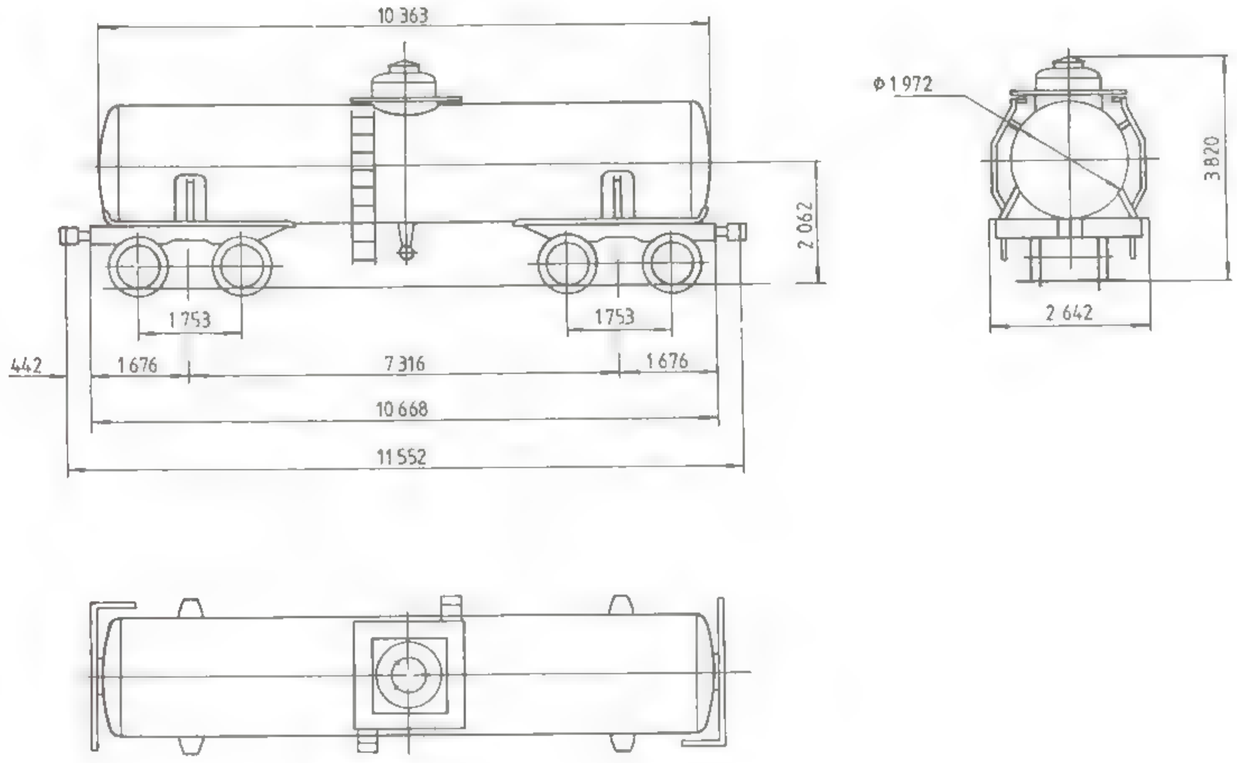
WW-3

13

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power – Manually operated / Tweekrag – Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

X-1



Remarks
Opmerkings :-

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoens en uitsituimtes kyk tekening nommer CME 240/12 - A99

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
30 - 010 004 / 30 - 011 094	1969

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	W. 1/20062		
Bogie Type / Draaisteltipe	SPOORBARBER		
Bearing Size / Laergrootte	C		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/4		
Brake System / Remstelsel	V		
Brake Cylinders / Remsilinders	(V) 2/18	(L)	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 95 / 35,7	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP-S /SAR-SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1111					Capacity (full) / Inhoudsvermoë (vol) L	30 870	Tare (Average) / Tarra (Gemiddeld) kg	18 640
						Contents / Inhoud		Capacity / Inhoudsvermoë L	Mass / Massa kg
						WATER		30 870	30 870
Tank Material / Tenkmateriaal	SPEC. CME 9, SYM. 8 / SPES. SIM					OIL / OLIE		30 870	29 330
Tank Lining / Tenkvoering						DIESEL OIL / DIESELOLIE		30 600	30 870
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000								
Originally designed for / Oorspronklik ontwerp vir	WATER TREACLE OIL / STROOP OLIE								
Converted for / Omskep vir									
Revision / Hersiening									
Date / Datum									

X-1

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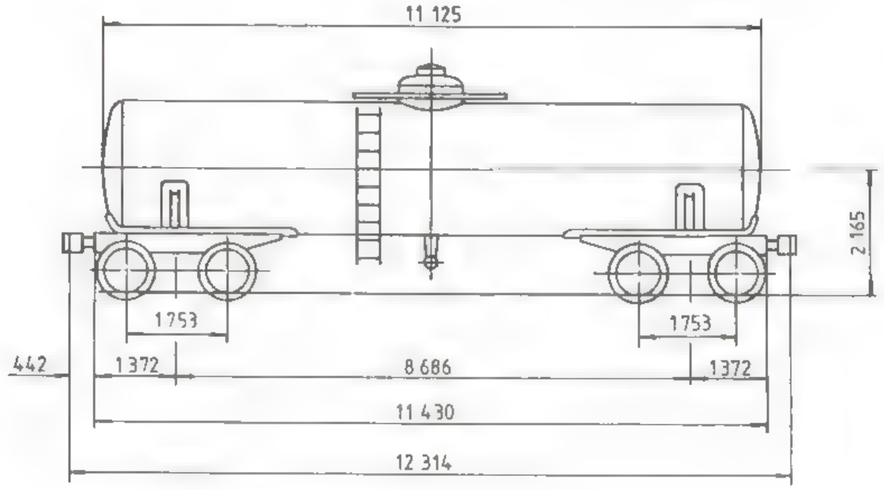
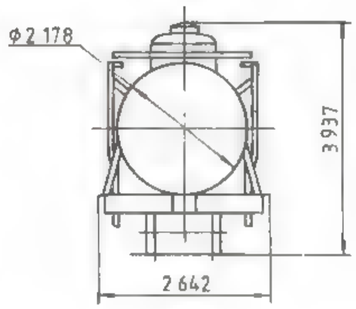
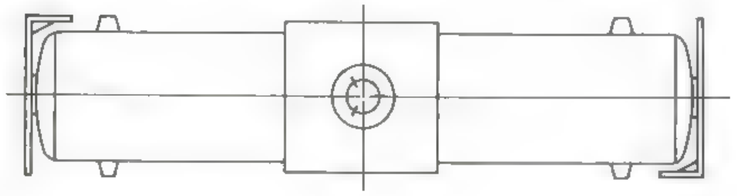






Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

X-2

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

Remarks / Opmerkings :-

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
30 - 012 007 / 30 - 013 534	1969

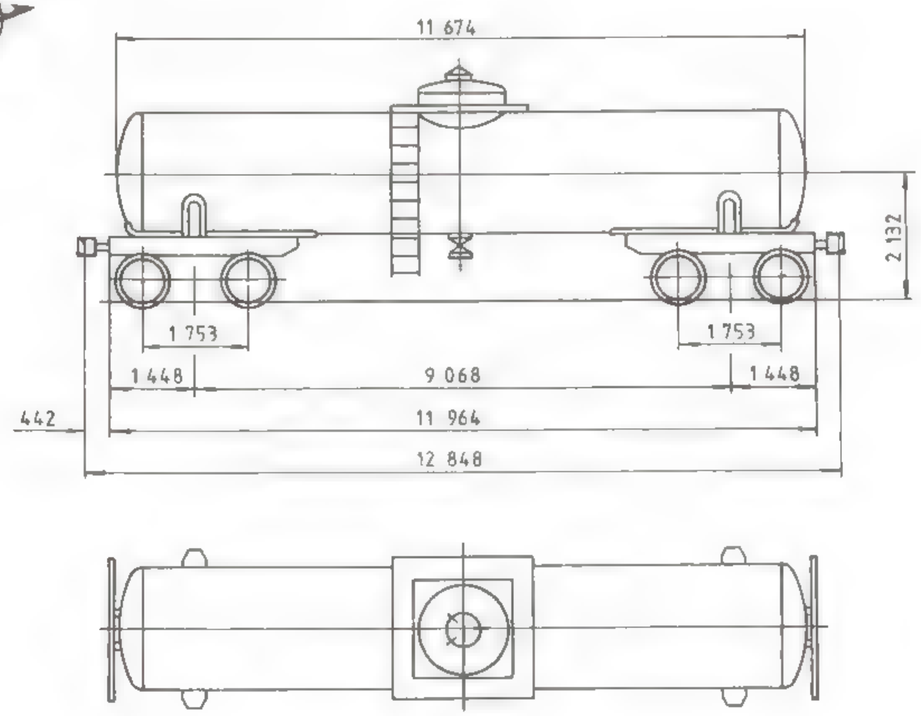
Converted from / Omskep van	Date / Datum

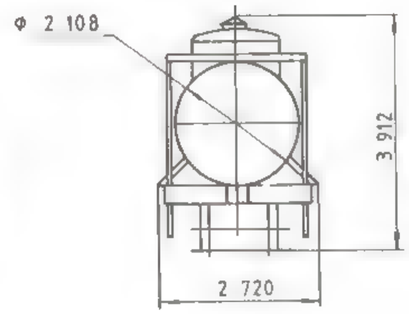
Drawing Number / Tekeningnommer	W 1 / 20094		
Bogie Type / Draaisteltipe	SPOORBARBER		
Bearing Size / Laergrootte	C		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/4		
Brake System / Remstelsel	V		
Brake Cylinders / Remsilinders	(V) 2/18	(L)	
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 92,6/30,8	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR-SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 268					
Tank Material / Tenkmateriaal	SPEC CME 9, SYM SPES SIM. 8					
Tank Lining / Tenkvoering						
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000					
Originally designed for / Oorspronklik ontwerp vir	WATER OIL / OLIE					
Converted for / Omskep vir						
Revision / Hersiening						
Date / Datum						

Capacity (full) / Inhoudsvermoë (vol) ℓ	40 670	Tare (Average) kg / Tarra (Gemiddeld)	19 730
Contents / Inhoud		Capacity / Inhoudsvermoe ℓ	Mass / Massa kg
WATER		39 520	39 520
OIL / OLIE		38 690	36 750

X-2





Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussinginrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussinginrigting

Brake System - Remstelsel

V Vacuum / Vakuum

L Air / Lug

D Dual Power - Manually operated / Tweekrag - Handbediening

A Dual Power - Automatic / Tweekrag - Outomaties

R Slack Adjuster / Remversteller

X-3

Remarks / Opmerkings :-

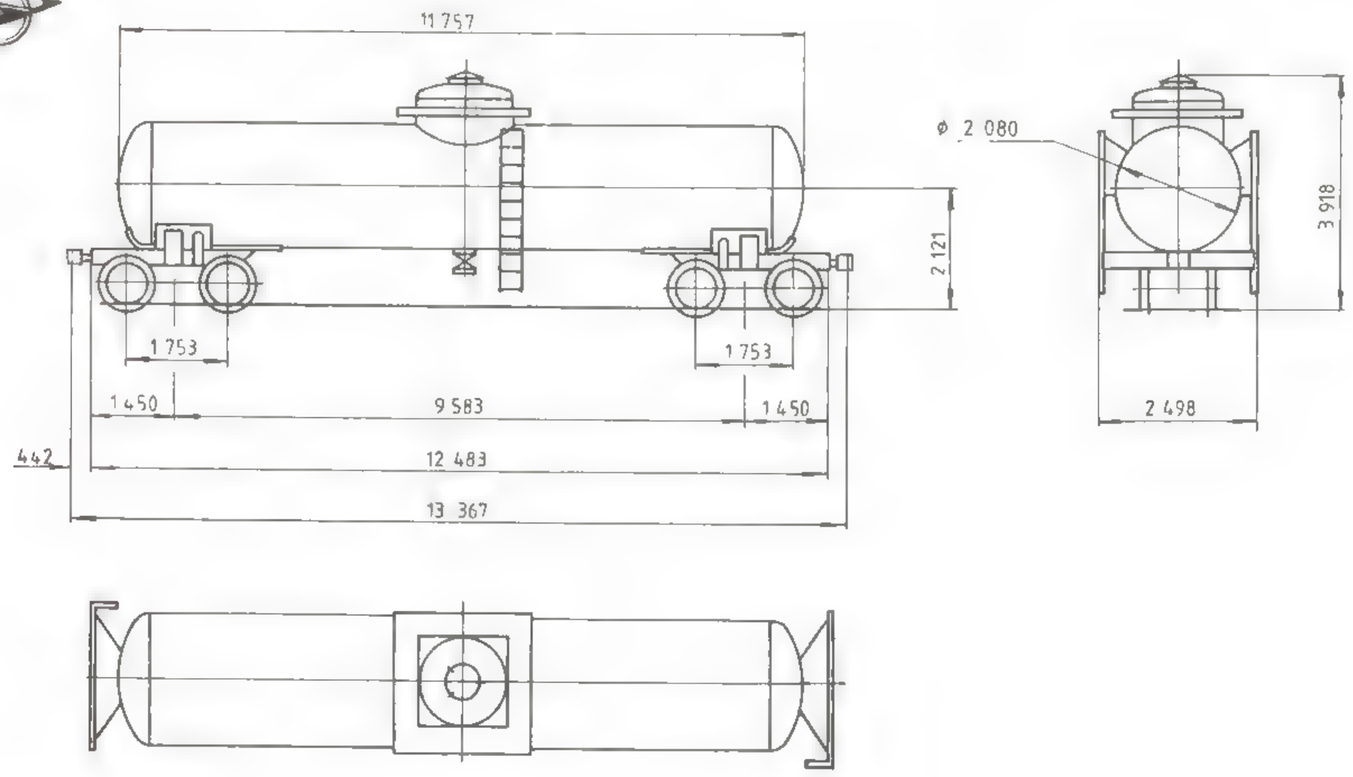
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
30 - 039 045 / 30 - 041 198	1971
30 - 043 018 / 30 - 043 263	1971

Converted from / Omskep van	Date / Datum
XC - 6	1983 87

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W 001 / V001	W001 / V002	Centre of Gravity (Empty) / Swaartepunt (Leeg)	1220		Capacity (full) / Inhoudsvermoe(vol) l	40 080	Tare (Average) / Tarra(Gemiddeld) kg	21 040
Bogie Type / Draaisteltipe	SPOORBARBER					Contents / Inhoud		Capacity / Inhoudsvermoe l	Mass / Massa kg
Bearing Size / Laergrootte	C					WATER		38 830	38 830
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/4		Tank Material / Tenkmateriaal	ASTM A 515 GR 65		OIL / OLIE		40 080	38 080
Brake System / Remstelsel	V/R		Tank Lining / Tenkvoering			DIESEL OIL / DIESELOLIE		39 690	38 690
Brake Cylinders / Remsilinders	(V) 2/18	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000					
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	WATER OIL / OLIE					
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 83,4 / 29,3	(L)	Converted for / Omskep vir						
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening						
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		Date / Datum						

X-3



Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
30-041 651/30-042 283	1979-80

Converted from Omskep van	Date Datum

Remarks
Opmerkings :

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12-A99

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remverstelier

Drawing Number / Tekeningnommer	W001/F025	
Bogie Type / Draaisteltipe	H S MK III	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/4	
Brake System / Remstelsel	V/R	
Brake Cylinders / Remsilinders	(V) 2/18	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 78,1/28,7	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S /SAR-SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)				Capacity (full) / Inhoudsvermoë (vol) L	38 890	Tare (Average) / Tarra (Gemiddeld) kg	22 020		
				Contents / Inhoud		Capacity / Inhoudsvermoe L		Mass / Massa kg	
				DIESEL OIL / DIESELOLIE		38 890		37 980 MAX / MAKS	
Tank Material / Tenkmateriaal	SPEC CME 9 SYM B SPES SIM								
Tank Lining / Tenkvoering									
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000								
Originally designed for / Oorspronklik ontwerp vir	WATER O.L OLIE								
Converted for / Omskep vir									
Revision / Hersiening									
Date / Datum									

X-4

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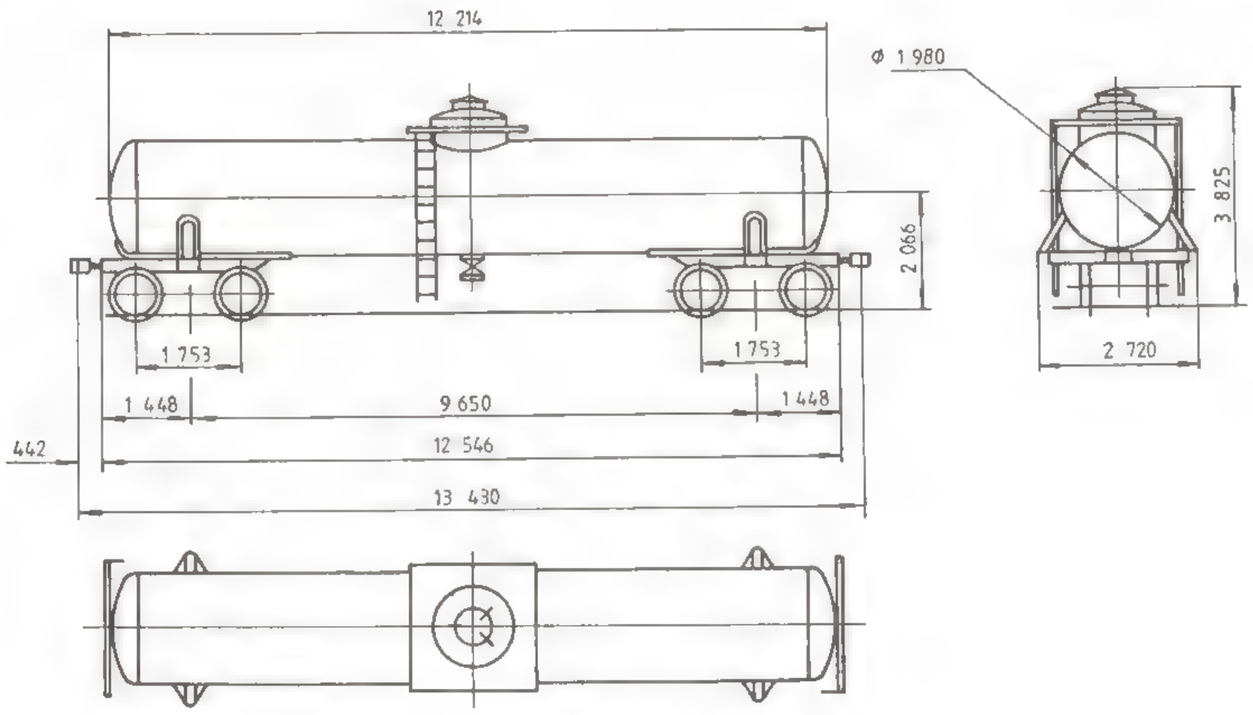
Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller



Remarks
Opmerkings :

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
30 - 044 006 / 30 - 044 278	1972

Converted from / Omskep van	Date / Datum
XC - 7	1983

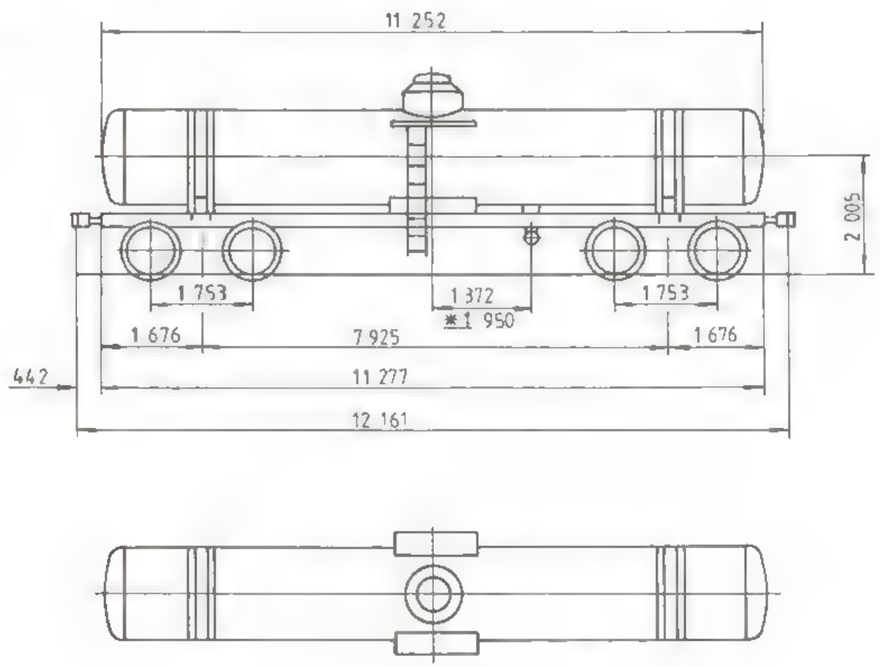
For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12 - A99

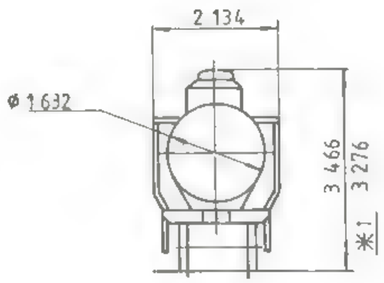
Drawing Number / Tekeninggommer	W 001 / V005
Bogie Type / Draaisteltipe	SPOORBARBER
Bearing Size / Laergrootte	C
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/4
Brake System / Remstelsel	V / R
Brake Cylinders / Remsilinders	(V) 2/18 (L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 89,6 / 35,8 (L)
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 - E
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 107				
Tank Material / Tenkmateriaal	B S 1501 - 151 GR 28 A				
Tank Lining / Tenkvoering					
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000				
Originally designed for / Oorspronklik ontwerp vir	CREOSOTE / KREOSOOT				
Converted for / Omskep vir					
Revision / Hersiening					
Date / Datum					

Capacity (full) l / Inhoudsvermoe(vol) l	36 980	Tare (Average) kg / Tarra (Gemiddeld) kg	20 700
Contents / Inhoud		Capacity l / Inhoudsvermoe l	Mass kg / Massa kg
DIESEL OIL / DIESELOLIE		36 980	[illegible]

X - 5





	Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
*1	30 - 016 002 / 30 - 017 998	1934 - 50
*2	30 - 018 013 / 30 - 018 633	1940 - 52
*3	30 - 018 684 / 30 - 018 722	1950 - 58
*4	30 - 018 730 / 30 - 018 749	1939 - 50
	30 - 018 641	1950

Converted from / Omskep van				Date / Datum
*1 XS - 4	EX OU	X 16		1961 - 80
*2 XC - 4	EX OU	X - 16		1984 - 86
*3 XT - 5	EX OU	X - 16		1988
*4 XW - 3	EX OU	X - 16		1979

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device — Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device — Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
V Vacuum — Vakuum
L Air — Lug
D Dual Power - Manually operated — Tweekrag - Handbediening
A Dual Power - Automatic — Tweekrag - Outomaties
R Slack Adjuster — Remversteller

X - 16

Remarks / Opmerkings: *1 Dome and Discharge To Drg Heim en Uitlaat Volgens Tek. No. CME 3249/12-000

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W1/9382	W1/9842	W1/10927
Bogie Type / Draaisteltipe	DIAM FRAME RUITRAAM	CANCAR	SARCAST
Bearing Size / Laergrootte	11 × 5 1/2	10 × 5	11 × 5 1/2
Springs per Bogie Outer / Inner — Vere per Draaistel Buite / Binne	4 ELLIP	8/0	6/6
Brake System / Remstelsel	V		
Brake Cylinders / Remsilinders	(V) 1/21	(L)	
Train Pipe / Treinpyp — Brake Pipe / Rempyp	(V) 65 (50)	(L)	
Brake Percentage Empty / Loaded — Rempersentasie Leeg / Met Vrag	(V) 84,1 / 37,1	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)						
Tank Material / Tenkmateriaal	SPEC / SPES CME 9	SYM / SIM 8				
Tank Lining / Tenkvoering						
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor						
Originally designed for / Oorspronklik ontwerp vir	WATER	TREACLE / STROOP	OIL / OLIE			
Converted for / Omskep vir						
Revision / Hersiening						
Date / Datum						

Capacity (full) / Inhoudsvermoe (vol) l: 23 000
Tare (Average) kg / Tarra (Gemiddeld): 18 180

Contents / Inhoud	Capacity / Inhoudsvermoe l	Mass / Massa kg
WATER	23 000	23 000
DIESEL OIL / DIESELOLIE	23 000	19 320
OIL / OLIE	23 000	21 850
LIQUID FERTILISER / VLOEIBARE KUNSMIS	20 970	27 680

X - 16

19

Drawgear Equipment — Trekwerkuitrusting

KK Coupler hydraulic cushioning device — Koppelaar hidrouliese kussingrigting

SSC Centre sill hydraulic cushioning device — Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel

V Vacuum — Vakuum

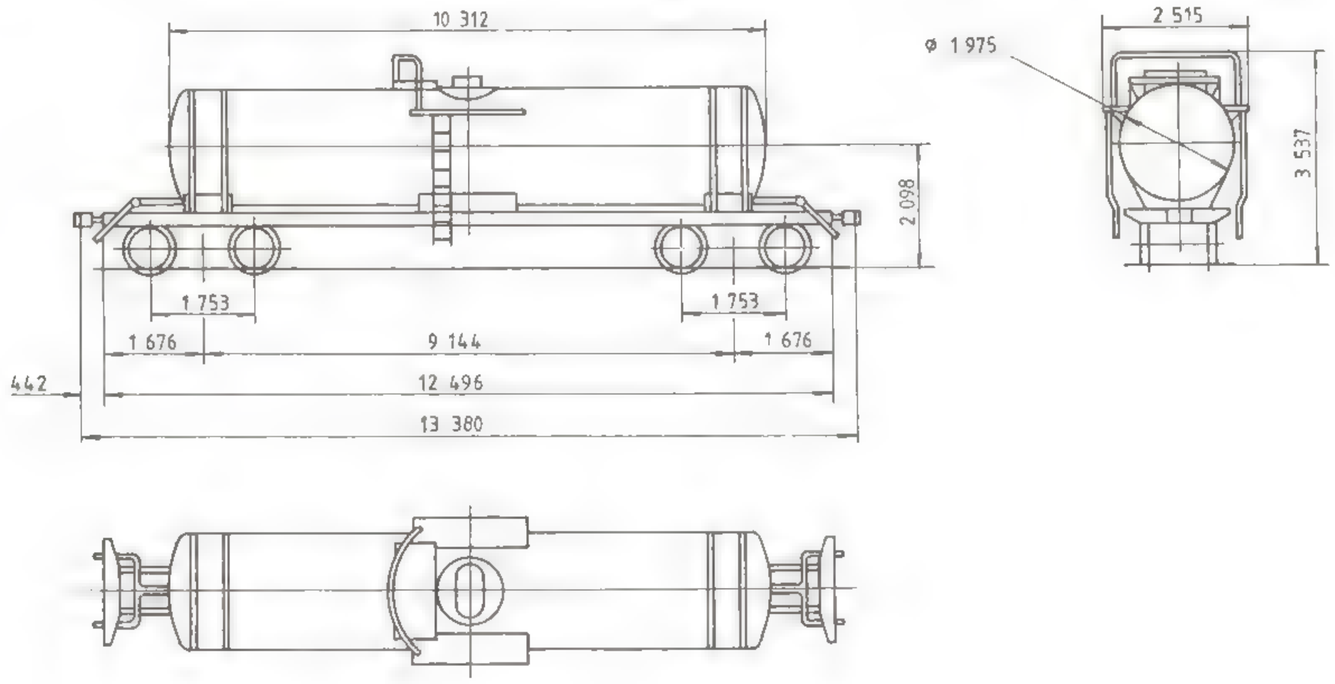
L Air — Lug

D Dual Power - Manually operated — Tweekrag - Handbediening

A Dual Power - Automatic — Tweekrag - Outomaties

R Slack Adjuster — Remversteller

X – 17



Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
◓ 30 - 019 052 / 30 - 019 125	1938
◒ 30 - 019 214 / 30 - 019 672	1953

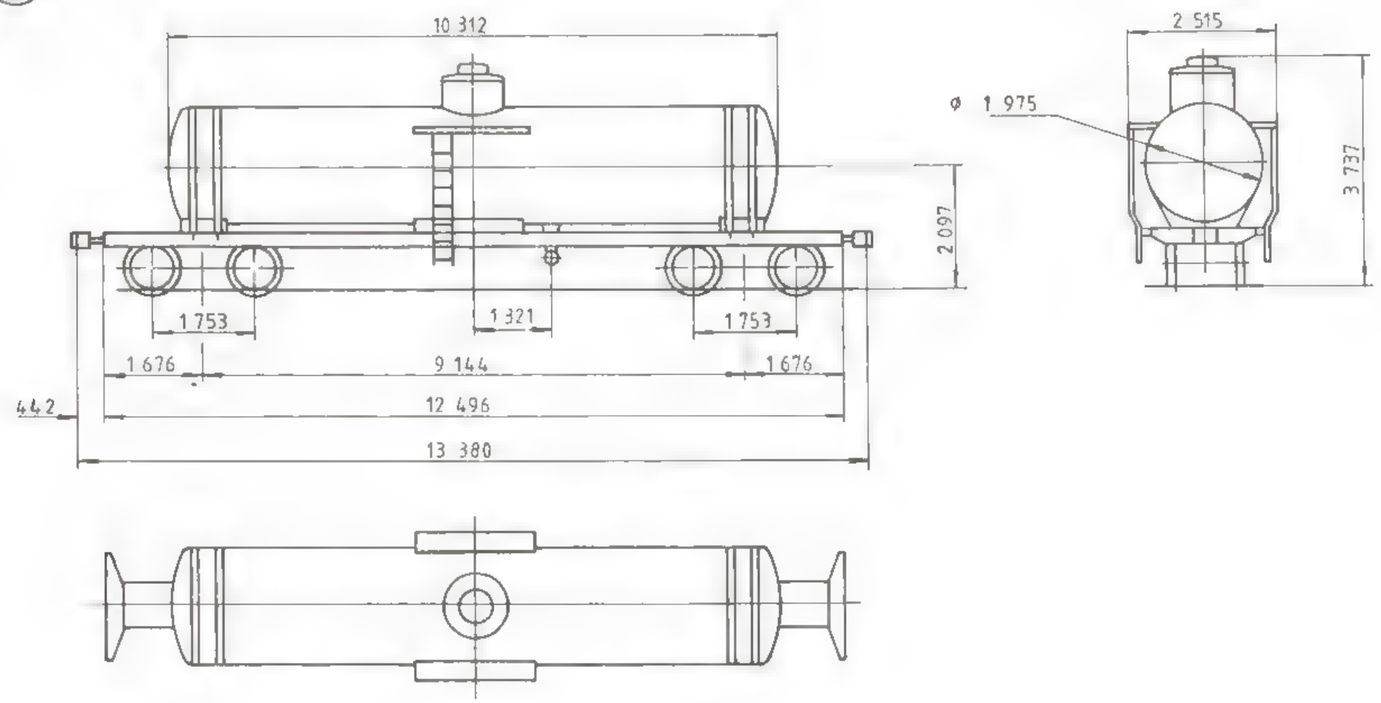
Remarks
Opmerkings

Converted from Omskep van	Date Datum

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoens en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number Tekeningnommer	◓ W 1/9721 ◒ W 1/10918	Centre of Gravity (Empty) Swaartepunt (Leeg)		Capacity (full) l Inhoudsvermoe(vol) l	30 980
Bogie Type Draaisteltipe	◓ DIAM. FRAME RUITRAAM ◒ SARCAST			Tare (Average) kg Tarra(Gemiddeld)	19 600
Bearing Size Laergrootte	11 × 5 1/2			Contents Inhoud	Capacity Inhoudsvermoe l	Mass Massa kg
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	◓ 4 ELLIP ◒ 6/0			WATER	30 980	30 980
Brake System Remstelsel	V	Tank Material Tenkmateriaal	SPEC CME 9 SYM 8 SPES SIM			
Brake Cylinders Remsilinders	(V) ◓ 2/15 ◒ 2/18 (L)	Tank Lining Tenkvoering				
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50) (L)	Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor				
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) ◓ 82/31,8 ◒ 85,8/33,3 (L)	Originally designed for Oorspronklik ontwerp vir	WATER			
Drawgear Equipment Trekwerkuitrusting	AAR M901 E	Converted for Omskep vir				
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR - SAS	Revision Herstening				
		Date Datum				

X - 17



Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
✱1 30 - 020 018 / 30 - 023 130	1954 - 56
✱2 30 - 023 149 , 30 - 023 157	1938
✱3 30 - 023 165 / 30 - 023 203	1953

Remarks
Opmerkings :-

Converted from / Omskep van	Date / Datum
2✱ 3✱ X-17	1986

For actual loads, capacities and ullages see drawing number
Vir werklike vragte,inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12-A99

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

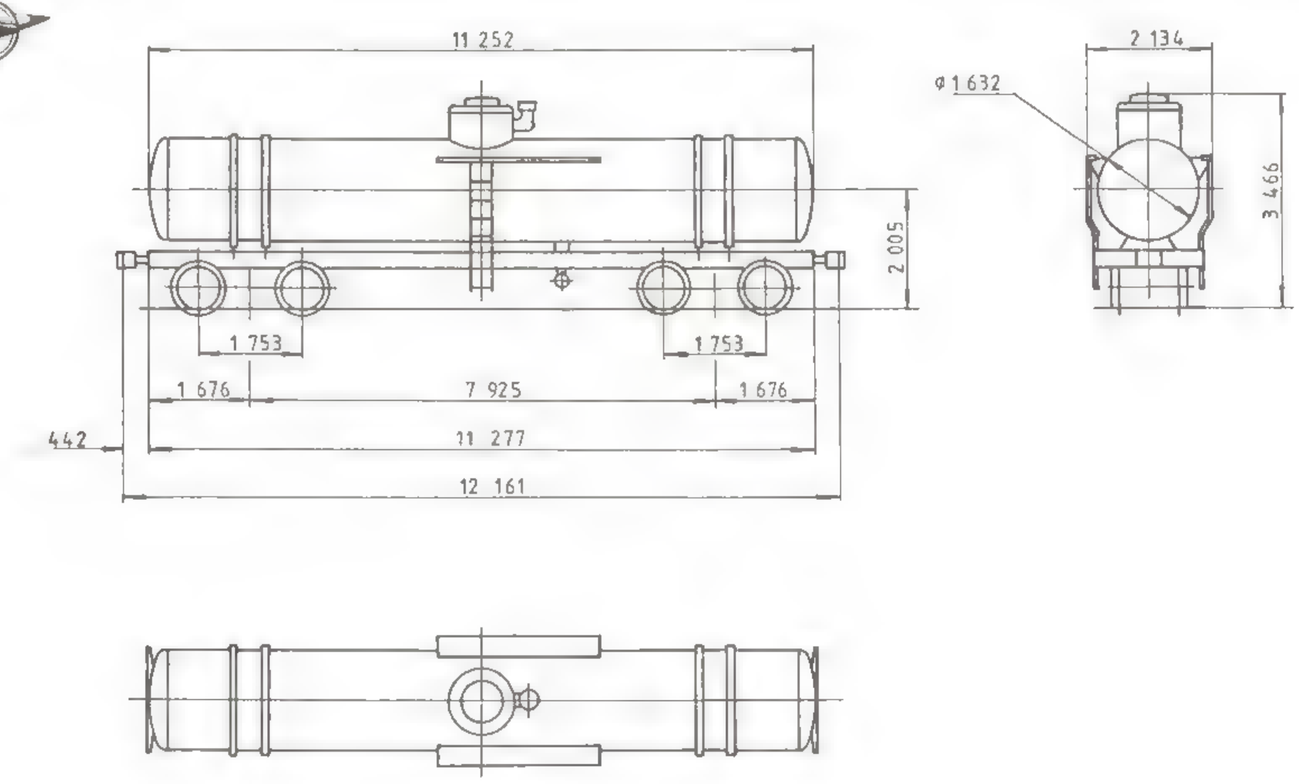
Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remverstelier

Drawing Number / Tekeningnommer	W1/10982 W1/9721 W1/10918	Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Bogie Type / Draaisteltipe	✱1 ✱3 SARCAST ✱2 DIAMOND FRAME RUITRAAM		
Bearing Size / Laergrootte	11×5 1/2		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	✱1 6/6 ✱2 4ELLIP ✱3 6/0	Tank Material / Tenkmateriaal	SPEC SPES CME 9 SYM SIM B
Brake System / Remstelsel	V	Tank Lining / Tenkvoering	
Brake Cylinders / Remsilinders	(V) ✱1 ✱3 2/18 ✱2 2/15 (L)	Design Limit-Mass on Rail kg / Ontwerplimiet-Massa op Spoor	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65(50) (L)	Originally designed for / Oorspronklik ontwerp vir	WATER TREACLE STROOP OIL OLIE
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) ✱1 86,2/33,4 ✱2 82/31,8 ✱3 85,8/33,3 (L)	Converted for / Omskep vir	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	Revision / Hersiening	
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS	Date / Datum	

Capacity (full) / Inhoudsvermoe(vol) L	30 890	Tare (Average) / Tarra(Gemiddeld) kg	19 500
Contents / Inhoud		Capacity / Inhoudsvermoe L	Mass / Massa kg
WATER		30 890	30 890
OIL / OLIE		30 890	29 350

X - 18

2.1



Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
30 - 024 005 / 30 - 024 234	1935 - 38

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidroulies kussingrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidroulies kussingrigting

Brake System - Remstelsel

A Dual Power - Automatic
Tweekrag - Outomaties
R Slack Adjuster
Remversteller

V Vacuum
Vakuum
L Air
Lug
D Dual Power - Manually operated
Tweekrag - Handbediening

X-19

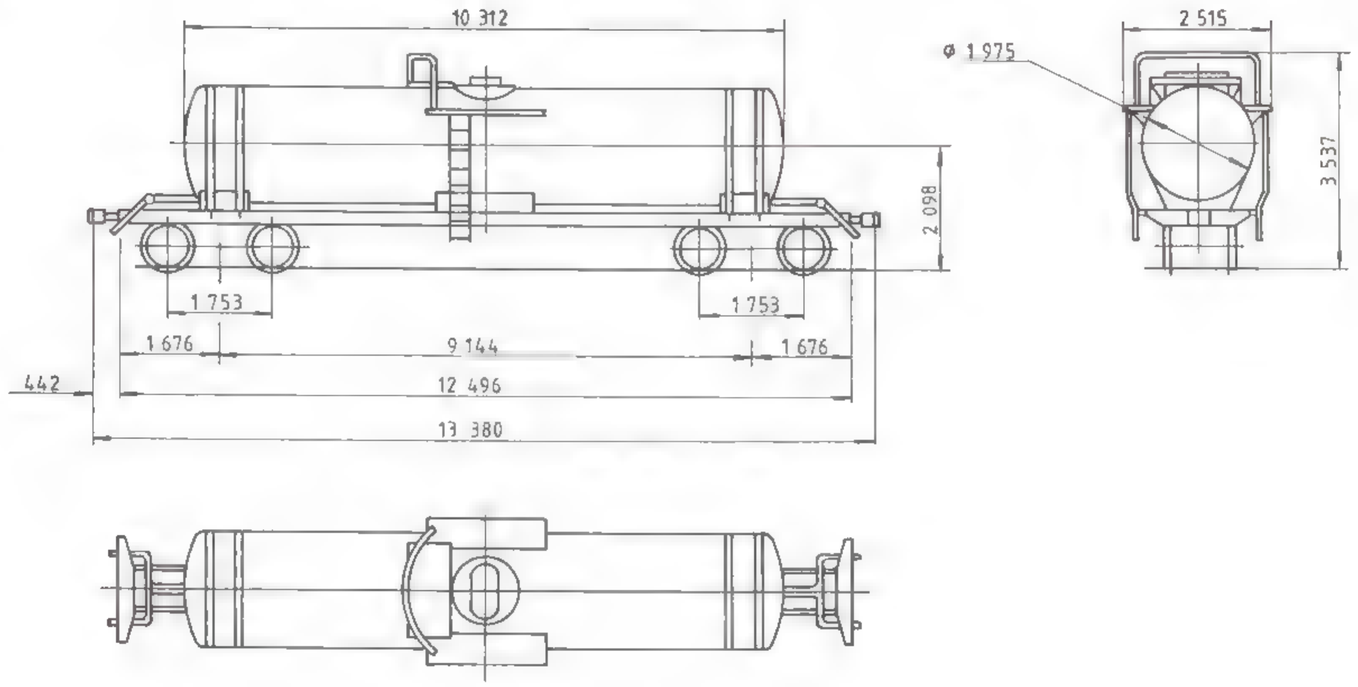
Remarks
Opmerkings :-

Converted from Omskep van	Date Datum
XP - 6	1954 - 56

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number Tekeningnommer	W 1/9244		Centre of Gravity (Empty) Swaartepunt (Leeg)			Capacity (full) Inhoudsvermoe (vol) L	22 860	Tare (Average) Tarra (Gemiddeld) kg	19 480	
Bogie Type Draaisteltipe	DIAMOND FRAME RUITRAAM					Contents Inhoud		Capacity Inhoudsvermoë L	Mass Massa kg	
Bearing Size Laergrootte	11 × 5 1/2	10 × 5				WATER		22 860	22 860	
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	4 ELLIP		Tank Material Tenkmateriaal	SPEC CME 9 SYM 8 SPES SIM		FUEL OIL BRANDOLIE		22 860	19 890	
Brake System Remstelsel	V		Tank Lining Tenkvoering							
Brake Cylinders Remsilinders	(V) 1/21	(L)	Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor							
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50)	(L)	Originally designed for Oorspronklik ontwerp vir	PETROL						
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 78,4 / 36,1	(L)	Converted for Omskep vir	WATER : FUEL OIL BRANDOLIE						
Drawgear Equipment Trekwerkuitrusting	AAR M901 E		Revision Hersiening							
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR - SAS		Date Datum							

X - 19



Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
30 - 025 036 / 30 - 026 024	1956 - 58

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussingnrigting
SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussingnrigting

X - 20

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
■ Slack Adjuster / Remversteller

Remarks / Opmerkings :-

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

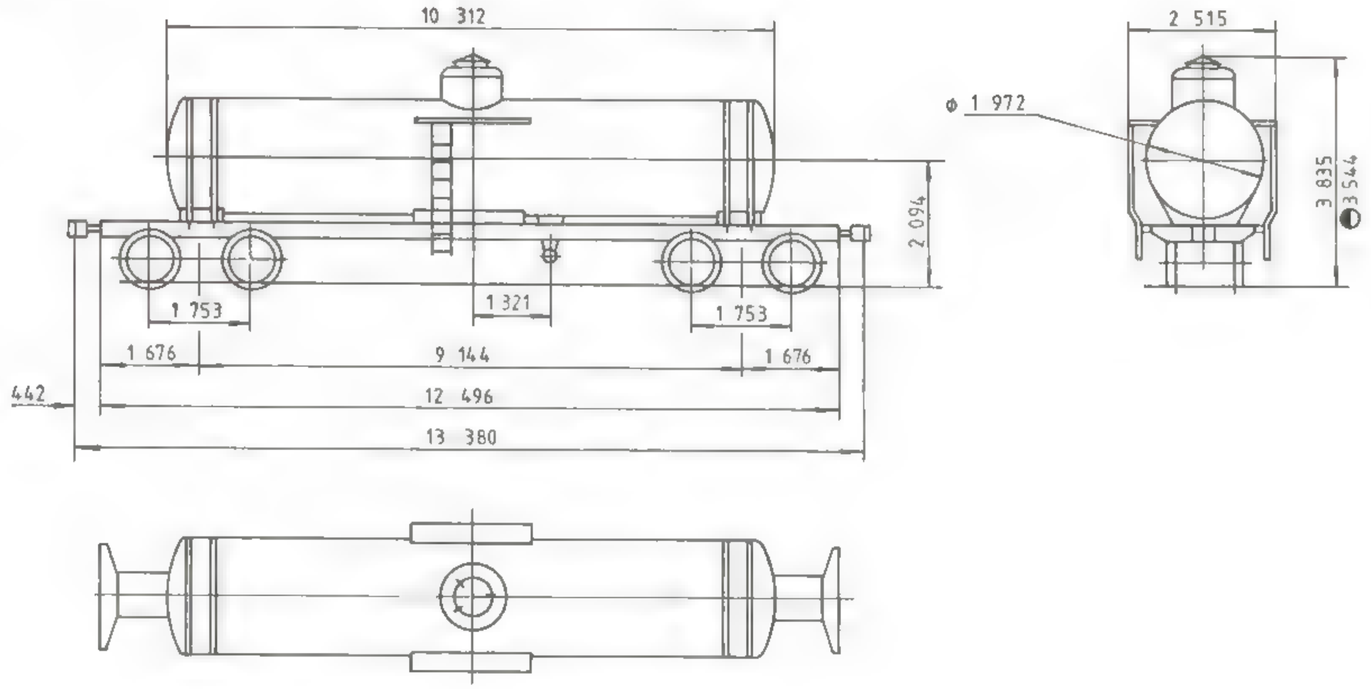
Converted from Omskep van	Date Datum

Drawing Number / Tekeningnommer	W 1 / 10918		
Bogie Type / Draaisteltipe	SARCAST		
Bearing Size / Laergrootte	11 × 5½		
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	6 / 0		
Brake System / Remstelsel	V		
Brake Cylinders / Remsilinders	(V) 2/18	(L)	
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50)	(L)	
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 82,5/32,8	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR - SAS		

Centre of Gravity (Empty) Swaartepunt (Leeg)	1099					
Tank Material Tenkmateriaal	SPEC SPES CME 9 SYM SIM 8					
Tank Lining Tenkvoering						
Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor						
Originally designed for Oorspronklik ontwerp vir	WATER					
Converted for Omskep vir						
Revision Hersiening						
Date Datum						

Capacity (full) l Inhoudsvermoë (vol) l	30 900	Tare (Average) kg Tarra (Gemiddeld) kg	20 370
Contents Inhoud		Capacity Inhoudsvermoe l	Mass Massa kg
WATER		30 900	30 900

X - 20



Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
30 - 027 004 / 30 - 031 303	1958 - 61
◑ 30 - 031 311 / 30 - 031 664	1959 - 61
◑ 30 - 031 710 / 30 - 031 745	1959

Remarks
Opmerkings :- ◓ Dome and Discharge To Drg. Helm en Uitlaat Volgens Tek. Nº CME 3249/12-000

Converted from Omskep van	Date Datum
◓ XS – 5	1982
◓ XC – 5	1984 -

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoens en uitsruimtes kyk tekening nommer CME 240/12 - A99

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device — Koppelaar hidroulies kussinginrigting
SSC Centre sill hydraulic cushioning device — Middelbalk hidroulies kussinginrigting

X – 21

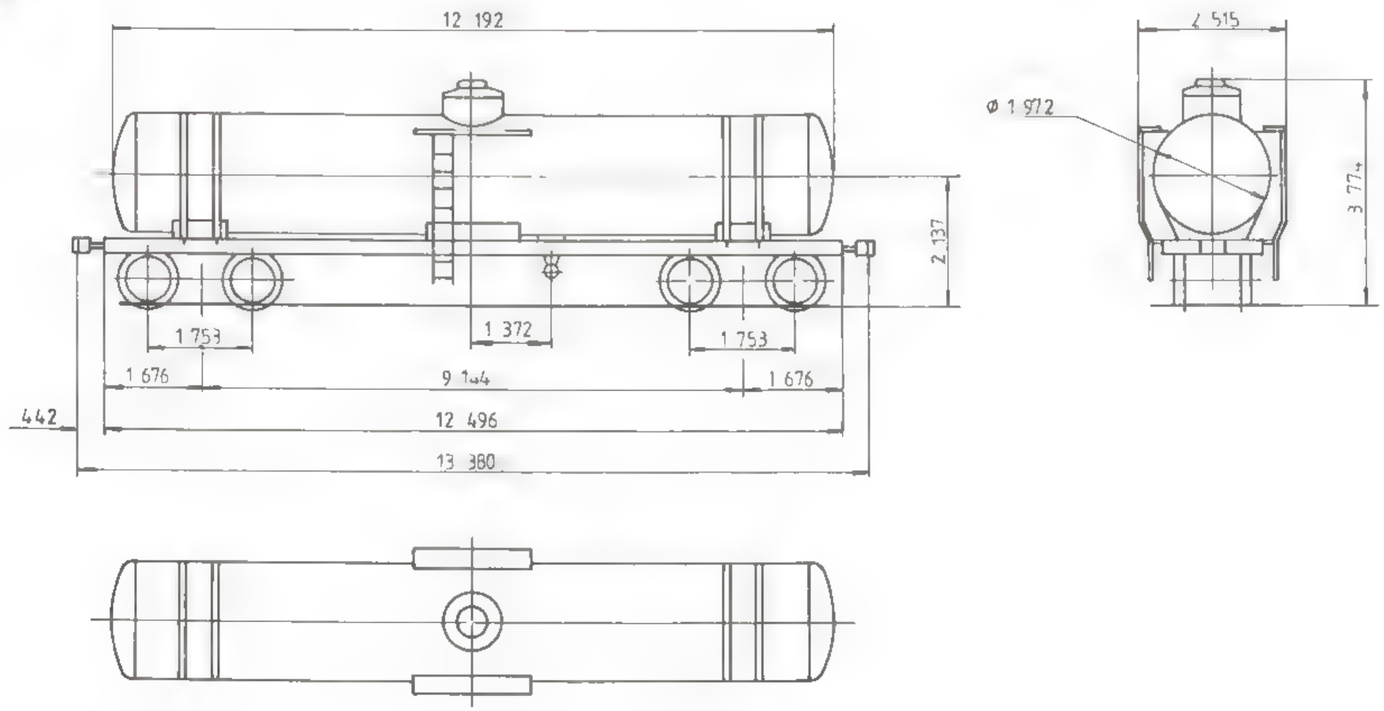
Brake System - Remstelsel
V Vacuum — Vakuum
L Air — Lug
D Dual Power - Manually operated — Tweekrag - Handbediening
A Dual Power - Automatic — Tweekrag - Outomaties
R Slack Adjuster — Remversteller

Drawing Number Tekeningnommer	CME. 115 / 12 - A 21	
Bogie Type Draaisteltipe	SARCAST	
Bearing Size Laergrootte	11 × 5½	
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	6 / 6	
Brake System Remstelsel	V	
Brake Cylinders Remsilinders	(V) 2 / 18	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50)	(L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 85,2 / 33,2	(L)
Drawgear Equipment Trekwerkuitrusting	AAR M 901 E	
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR - SAS	

Centre of Gravity (Empty) Swaartepunt (Leeg)	1 051				
Tank Material Tenkmateriaal	SPEC CME 9 SYM 8 SPES SIM				
Tank Lining Tenkvoering					
Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor					
Originally designed for Oorspronklik ontwerp vir	WATER TREACLE OIL STROOP OLIE				
Converted for Omskep vir					
Revision Hersiening					
Date Datum					

Capacity (full) l Inhoudsvermoe (vol) l	30 910	Tare (Average) kg Tarra (Gemiddeld) kg	19 730
Contents Inhoud		Capacity l Inhoudsvermoe l	Mass kg Massa kg
WATER		30 910	30 910
DIESEL OIL DIESELOLIE		30 580	25 690
OIL OLIE		30 910	29 360

X - 21



Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
30 - 034 000 / 30 - 036 100	1965 - 66

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

X - 24

Remarks / Opmerkings :-

Converted from / Omskep van	Date / Datum

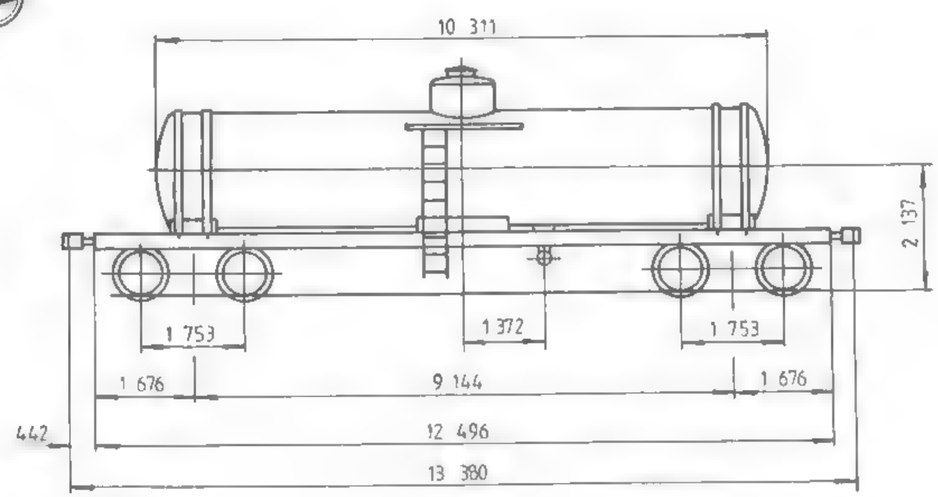
For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12 - A99

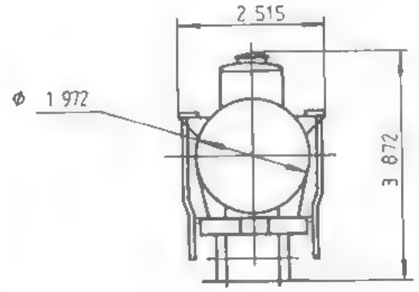
Drawing Number / Tekeningnommer	CME 143/12 - A21		Centre of Gravity (Empty) / Swaartepunt (Leeg)			Capacity (full) / Inhoudsvermoë (vol) L	36 430	Tare (Average) / Tarra (Gemiddeld) kg	21 550
Bogie Type / Draaisteltipe	SARCAST					Contents / Inhoud		Capacity / Inhoudsvermoe L	Mass / Massa kg
Bearing Size / Laergrootte	11 × 5 1/2					WATER		36 430	36 430
Springs per Bogie / Vere per Draaistel — Outer / Buite — Inner / Binne	6 / 6		Tank Material / Tenkmateriaal	SPEC / SPES CME 9	SYM / SIM B	OIL / OLIE		36 430	34 610
Brake System / Remstelsel	V		Tank Lining / Tenkvoering						
Brake Cylinders / Remsilinders	(V) 2/18	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor						
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	WATER OIL / OLIE					
Brake Percentage — Empty / Loaded / Leeg / Met Vrag Rempersentasie	(V) 86,1/32	(L)	Converted for / Omskep vir						
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		Revision / Hersiening						
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		Date / Datum						

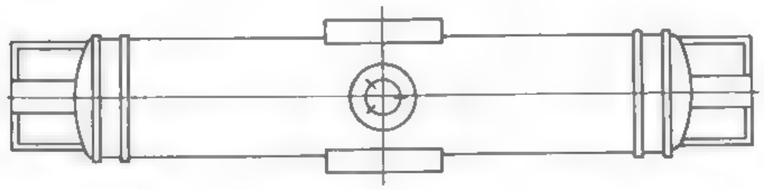
X-24

25

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting







Remarks
Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
30 - 037 018 / 30 - 037 050	1967

Converted from / Omskep van	Date / Datum

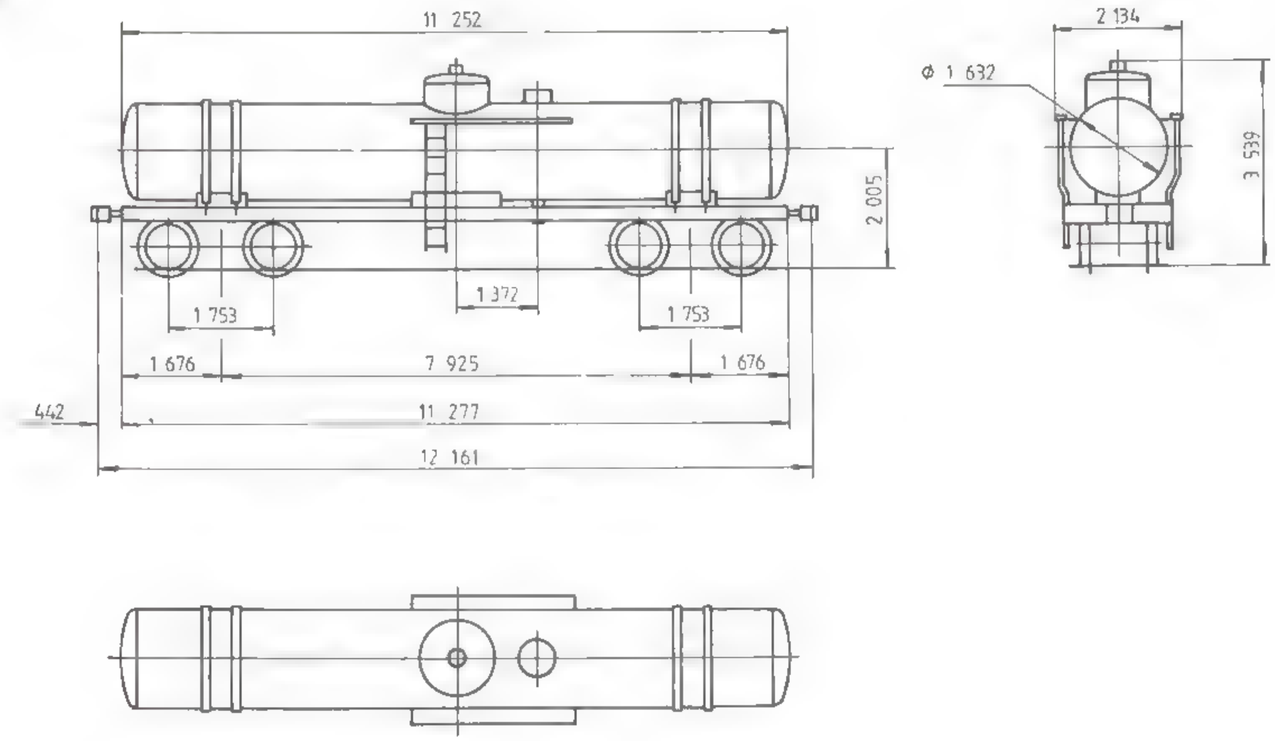
For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	CME 152/12 - A21		Centre of Gravity (Empty) / Swaartepunt (Leeg)	940		Capacity (full) / Inhoudsvermoe(vol) L	30 870	Tare (Average) / Tarra(Gemiddeld) kg	20 920
Bogie Type / Draaisteltipe	SARCAST					Contents / Inhoud		Capacity / Inhoudsvermoe L	Mass / Massa kg
Bearing Size / Laergrootte	11 × 5½					WATER		30 870	30 870
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	8 / 0		Tank Material / Tenkmateriaal	SPEC CME 9 SYM 8 / SPES SIM		OIL / OLIE		30 870	29 340
Brake System / Remstelsel	V		Tank Lining / Tenkvoering						
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor						
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	WATER TREACLE STROOP OIL OLIE					
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 88,7 / 35,8	(L)	Converted for / Omskep vir						
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		Revision / Hersiening						
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		Date / Datum						

X - 25

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

X-25



Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

XA-2

Remarks / Opmerkings :-

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12-A99

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
31 - 010 008 / 31 - 010 083	1941

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	W 1/9310		
Bogie Type / Draaisteltipe	DIAMOND FRAME RUITRAAM		
Bearing Size / Laergrootte	11×5½		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	4 ELLIP		
Brake System / Remsteisel	V		
Brake Cylinders / Remsilinders	(V) 1/21	(L)	
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50)	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 86,4/26,5	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)					
Tank Material / Tenkmateriaal	SPEC / SPES CME 9	SYM / SIM 8			
Tank Lining / Tenkvoering					
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor					
Originally designed for / Oorspronklik ontwerp vir	AMMONIA AMMONIAK				
Converted for / Omskep vir					
Revision / Hersiening					
Date / Datum					

Capacity (full) / Inhoudsvermoe (vol) L	22 940	Tare (Average) / Tarra (Gemiddeld) kg	17 690
Contents / Inhoud		Capacity / Inhoudsvermoe L	Mass / Massa kg
AMMONIA AMMONIAK		21 590	20 450
FERTILIZER SOLUTION KUNSMISOPLOSSING		21 590	40 000

XA-2

27

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussingrigting

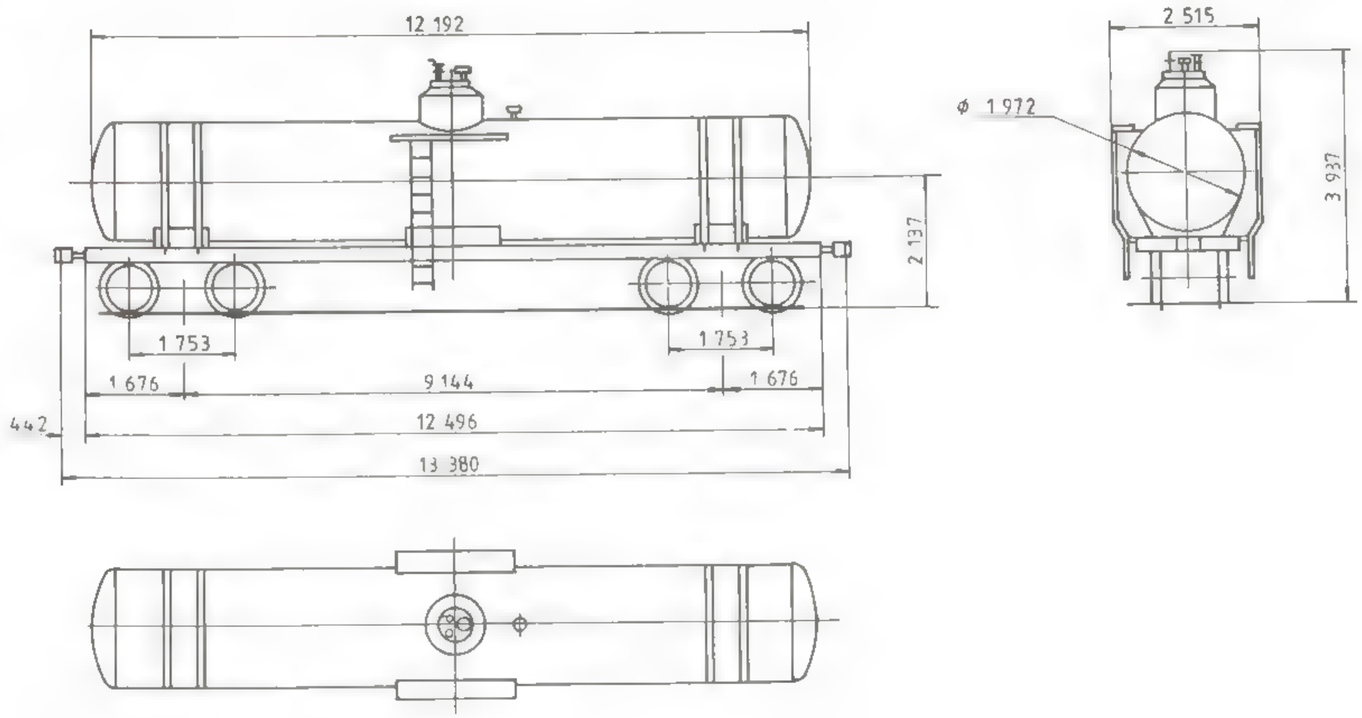
SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussingrigting

XA-3

Brake System - Remstelsel

A Dual Power - Automatic
Tweekrag - Outomaties
R Slack Adjuster
Remversteller

V Vacuum
Vakuum
L Air
Lug
D Dual Power - Manually operated
Tweekrag - Handbediening



Remarks
Opmerkings :-

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
31 - 011 004 / 31 - 011 101	1966

Converted from Omskep van	Date Datum
X – 24	1967

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12 - A99

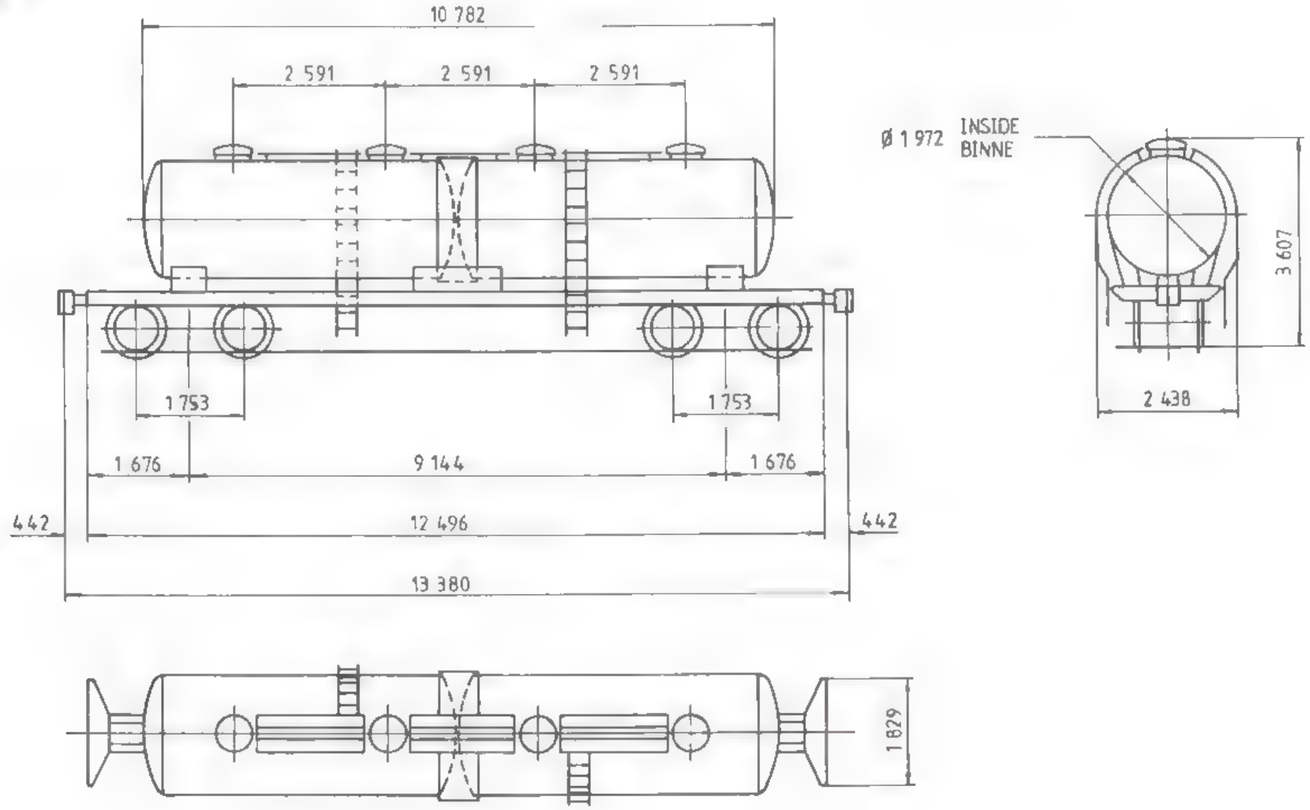
Drawing Number Tekeningnommer	CME 143/12 - A21
Bogie Type Draaisteltipe	SARCAST
Bearing Size Laergrootte	11 × 5 1/2
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	6 / 6
Brake System Remstelsel	V
Brake Cylinders Remsilinders	(V) 2/18 (L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 85/34 (L)
Drawgear Equipment Trekwerkuitrusting	AAR M 901 E
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR - SAS

Centre of Gravity (Empty) Swaartepunt (Leeg)					
Tank Material Tenkmateriaal	SPEC CME 9 SYM S.M 8				
Tank Lining Tenkvoering					
Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor					
Originally designed for Oorspronklik ontwerp vir	WATER OIL OLIE				
Converted for Omskep vir	AMMONIA AMMONIAK				
Revision Hersiening					
Date Datum					

Capacity (full) ℓ Inhoudsvermoe (vol) ℓ	36 310	Tare (Average) kg Tarra (Gemiddeld)	21 830
Contents Inhoud		Capacity ℓ Inhoudsvermoe ℓ	Mass kg Massa kg
AMMONIA AMMONIAK		34 620	32 800

XA-3

28



Remarks
Opmerkings :-

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
18-010 008	1959

Converted from Omskep van	Date Datum
X-21	1960

Drawing Number Tekeningnommer	CDO SKETCH 140		
Bogie Type Draaisteltipe	SARCAST		
Bearing Size Laergrootte	11 × 5 ½		
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	6/6		
Brake System Remstelsel	V		
Brake Cylinders Remsilinders	(V) 2 / 18	(L) —	
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L) —	
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 71 3 / 32,6	(L) —	
Drawgear Equipment Trekwerkuitrusting	AAR. M 901 E		
Coupler / Yoke Koppelaar / Juk	SASKOP S / SAR SAS		

Centre of Gravity (Empty) Swaartepunt (Leeg)	—
Design Limit – Mass on Rail kg Ontwerplimiet – Massa op Spoor	60 000
Originally designed for Oorspronklik ontwerp vir	WATER TREACLE OIL STROOP OLIE
Converted for Omskep vir	CEMENT SEMENT

Revision Hersiening						
Date Datum						

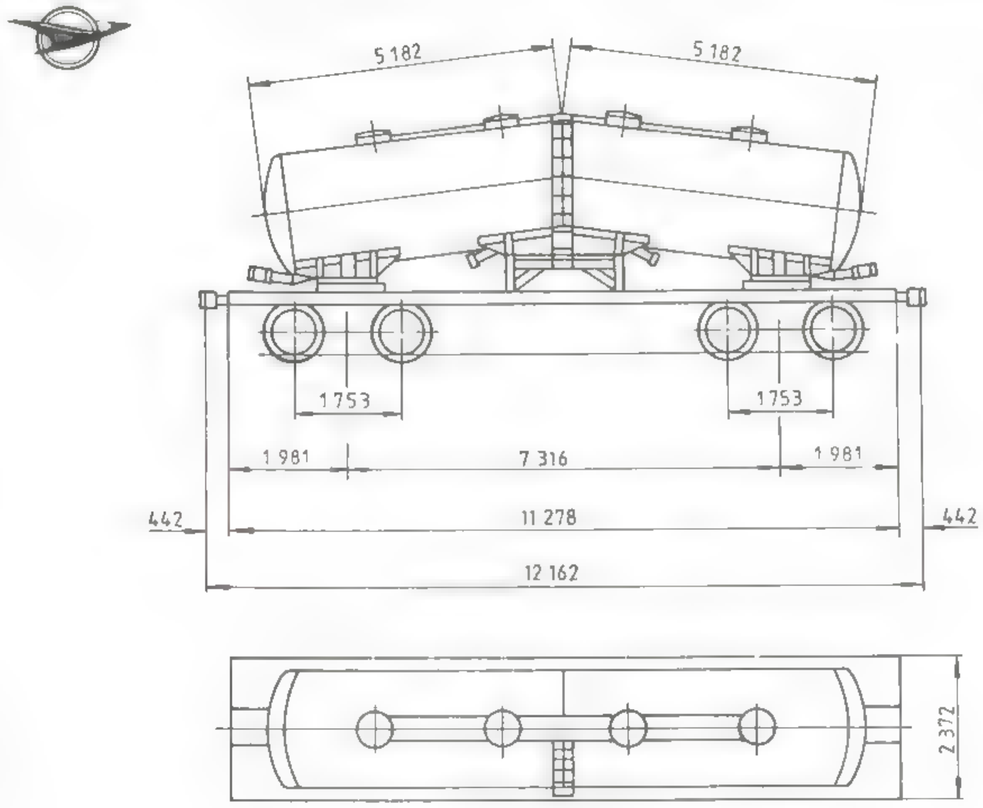
Tare (Average) kg Tarra (Gemiddeld)	23 590
Load kg Vrag	28 000
Load (Coal) kg Vrag (Steenkool)	—
Floor Area m² Vloeroppervlakte	—
Capacity m³ Inhoudsvermoë	12,1 / TANK TENK

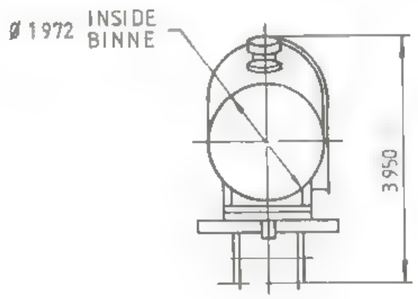
XB-1

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
A Dual Power - Automatic
Tweekrag - Outomaties
Slack Adjuster
R Remversteller
Vacuum
V Vakuum
Air
L Lug
Dual Power - Manually operated
Tweekrag - Handbediening

29





Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
A Dual Power-Automatic
Tweekrag-Outomaties
R Slack Adjuster
Remverstellier
V Vacuum
Vakuum
L Air
Lug
D Dual Power - Manually operated
Tweekrag - Handbediening

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
18-011 004	1964

Remarks :- B-2 UNDERFRAME
Opmerkings ONDERSTEL

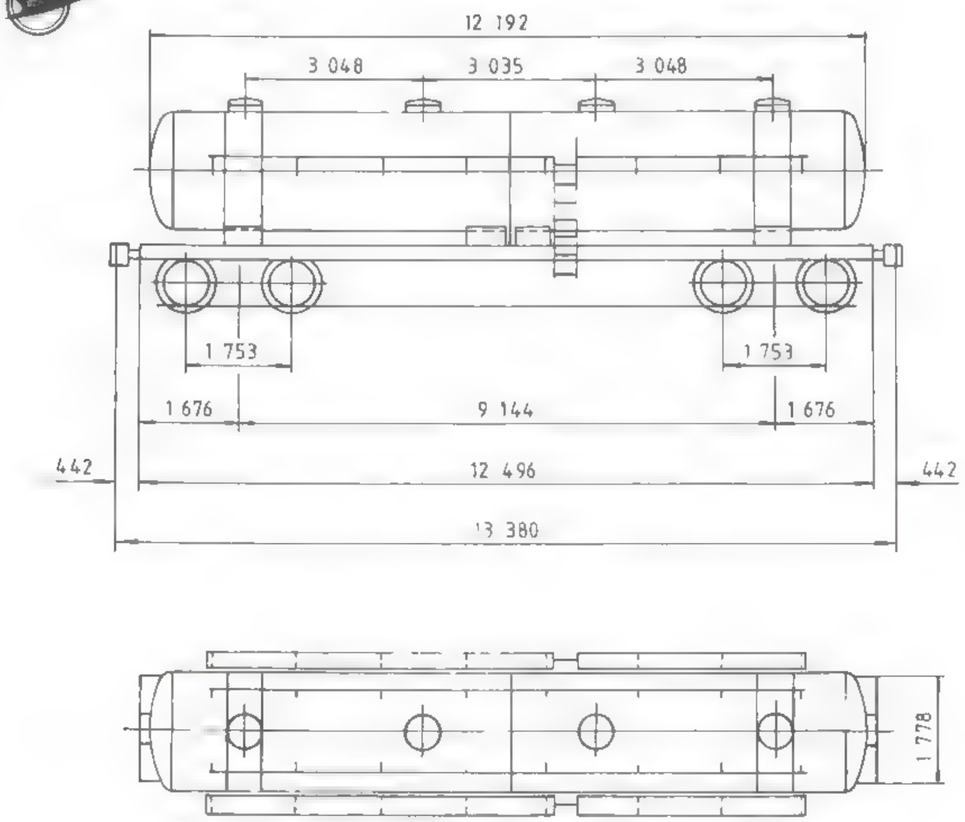
Converted from Omskep van		Date Datum

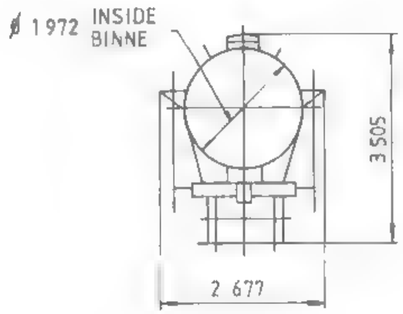
Drawing Number Tekeningnommer		——	Centre of Gravity (Empty) Swaartepunt (Leeg)	978
Bogie Type Draaisteltipe		SARCAST		
Bearing Size Laergrootte		10×5		
Springs per Bogie Vere per Draaistel	Outer / Inner Buite / Binne	6/0		
Brake System Remstelsel		V		
Brake Cylinders Remsilinders	(V) 2/18	(L) ——	Design Limit-Mass on Rail kg Ontwerplimiet-Massa op Spoor	60 000
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L) ——	Originally designed for Oorspronklik ontwerp vir	CEMENT SEMENT
Brake Percentage Rempersentasie	Empty / Loaded Leeg / Met Vrag	(V) 73,6/25,4 (L) ——	Converted for Omskep vir	——
Drawgear Equipment Trekwerkuitrusting		AAR. M 901 E.	Revision Hersiening	
Coupler / Yoke Koppelaar / Juk		SASKOP S / SAR SAS	Date Datum	

Tare (Average) kg Tarra (Gemiddeld)	20 510
Load kg Vrag	39 000
Load (Coal) kg Vrag (Steenkool)	——
Floor Area m^2 Vloeroppervlakte	——
Capacity m^3 Inhoudsvermoë	16 / TANK TENK

XB-2

30





Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussingrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidroulies■ kussingrigting

Brake System - Remstelsel

A Dual Power - Automatic
Tweekrag - Outomaties
Slack Adjuster
R Remversteller

V Vacuum
Vakuum
Air
L Lug
Dual Power - Manually operated
D Tweekrag - Handbediening

Remarks
Opmerkings :-

Drawing Number Tekeningnommer	W2/20004 CME 121/12 - A63	
Bogie Type Draaisteltipe	SARCAST	
Bearing Size Laergrootte	11 × 5 ½	
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	6/6	
Brake System Remstelsel	V	
Brake Cylinders Remsilinders	(V) 2/18	(L) —
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 76,6/30,3	(L) —
Drawgear Equipment Trekwerkuitrusting	AAR M 901 E	
Coupler / Yoke Koppelaar / Juk	SASKOP S / SAR SAS	

Centre of Gravity (Empty) Swaartepunt (Leeg)	— —
Design Limit – Mass on Rail kg Ontwerplimiet – Massa op Spoor	60000
Originally designed for Oorspronklik ontwerp vir	CEMENT SEMENT
Converted for Omskep vir	—

Revision Hersiening						
Date Datum						

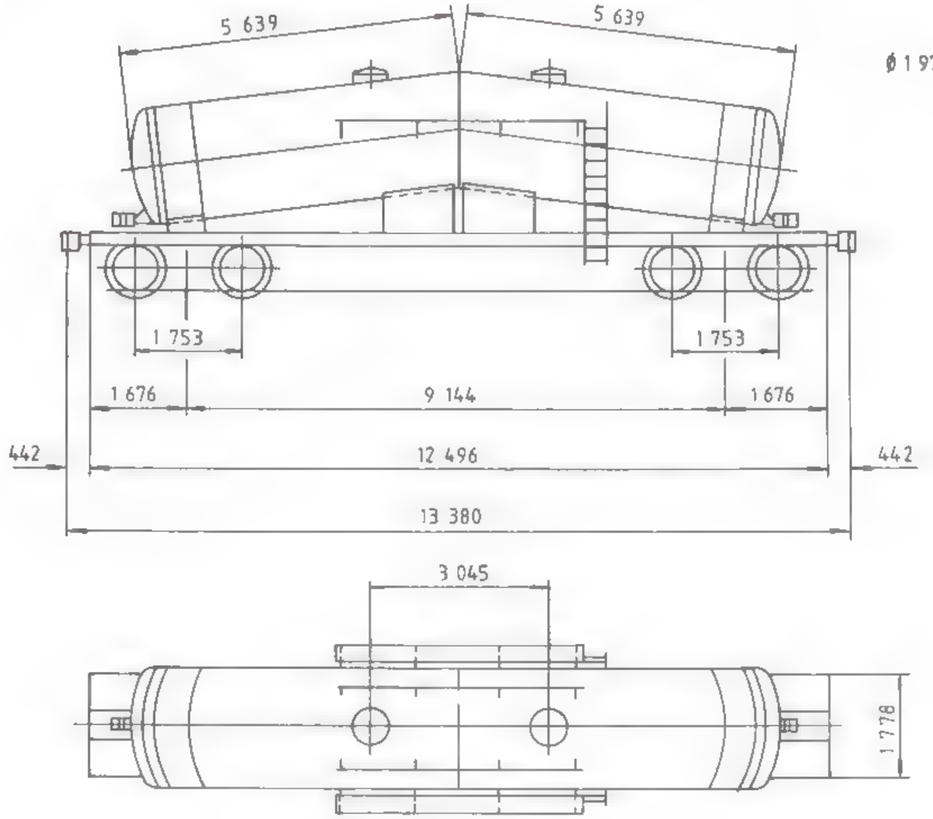
Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
18-012 000 / 18-012 531	1962-63

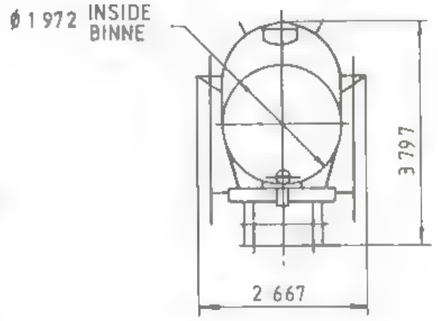
Converted from Omskep van	Date Datum

Tare (Average) kg Tarra (Gemiddeld)	24 230
Load kg Vrag	37 000
Load (Coal) kg Vrag (Steenkool)	—
Floor Area m^2 Vloeroppervlakte	—
Capacity m^3 Inhoudsvermoë	16/TANK TENK

XB-3

31





Remarks
Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
18-013 007 / 18-013 554	1962 - 63
Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	W1 / 20004 CME 121 / 12 - A63
Bogie Type / Draaisteltipe	SARCAST
Bearing Size / Laergrootte	11 × 5 1/2
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6 / 6
Brake System / Remstelsel	V
Brake Cylinders / Remsilinders	(V) 2 / 18 (L) -
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (L) —
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 92,6 / 31,4 (L) —
Drawgear Equipment / Trekwerkuitrusting	AAR M 901E
Coupler / Yoke / Koppelaar / Juk	SASKOP S / SAR SAS

Centre of Gravity (Empty) / Swaartepunt (Leeg)	-
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	CEMENT SEMENT
Converted for / Omskep vir	—

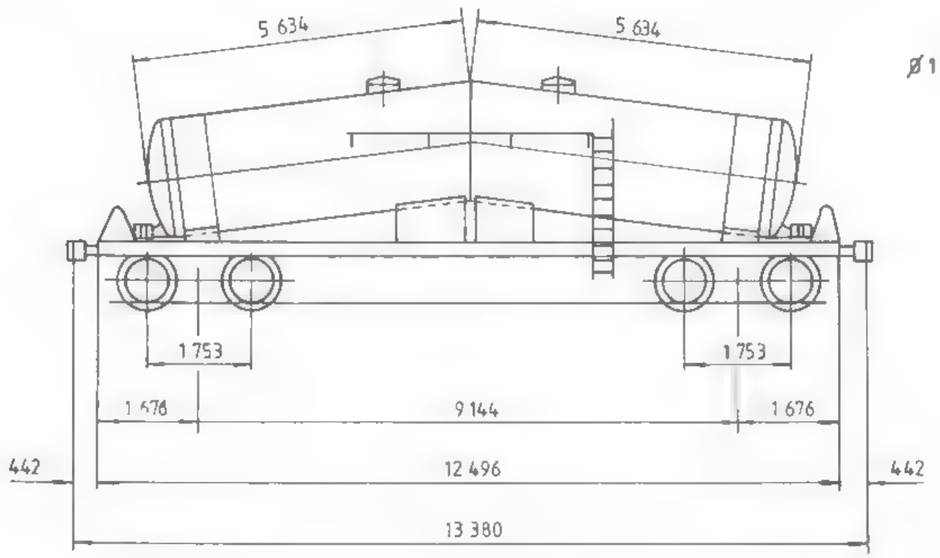
Revision / Hersiening						
Date / Datum						

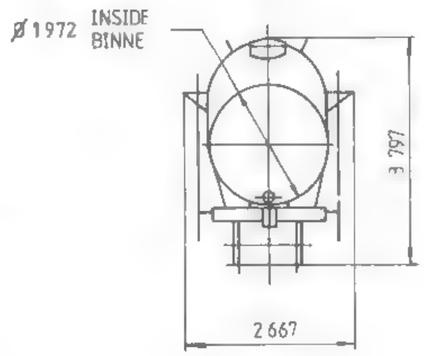
Tare (Average) kg / Tarra (Gemiddeld)	20 050
Load kg / Vrag	39 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	
Capacity m^3 / Inhoudsvermoë	16,8 / TANK TENK

XB-4

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller





Remarks :-
Opmerkings

Vehicle Numbers / Voertuignommers		Placed in Service / In Gebruik Geneem
18 - 014 003 /	18 - 014 542	1964 - 1965
18 - 014 569	18 - 015 956	1965
18 - 015 972 /	18 - 017 819	1965
18 - 039 308 /	18 - 039 871	1964 - 1965

Converted from / Omskep van	Date / Datum

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

Drawing Number / Tekeningnommer	W1 / 20017	
Bogie Type / Draaisteltipe	SARCAST	
Bearing Size / Laergrootte	11 × 5½	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6/6	
Brake System / Remstelsel	V	
Brake Cylinders / Remsilinders	(V) 2/21	(L) ——
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) ——
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 80,8 / 27,6	(L) ——
Drawgear Equipment / Trekwerkuitrusting	AAR M901E	
Coupler / Yoke / Koppelaar / Juk	SASKOP S / SAR SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 129
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	CEMENT / SEMENT
Converted for / Omskep vir	——

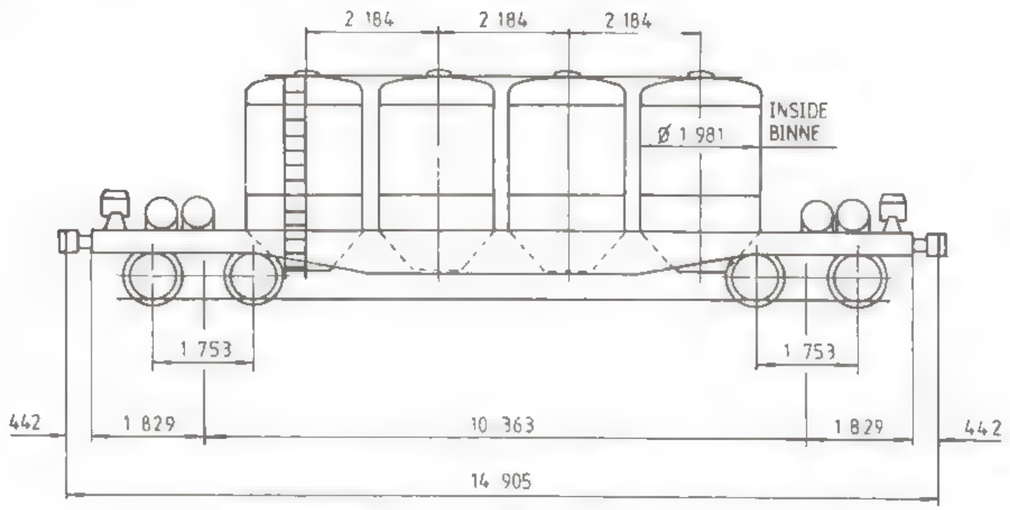
Revision / Hersiening						
Date / Datum						

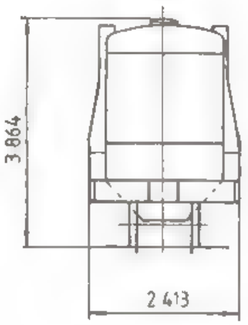
Tare (Average) kg / Tarra (Gemiddeld) kg	20 260
Load kg / Vrag kg	39 000
Load (Coal) kg / Vrag (Steenkool) kg	——
Floor Area m^2 / Vloeroppervlakte m^2	——
Capacity m^3 / Inhoudsvermoë m^3	16,8 / TANK TENK

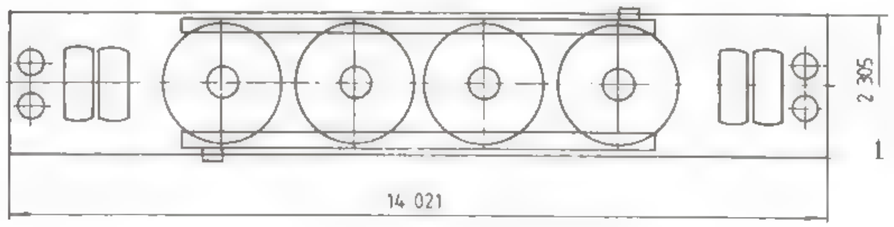
XB-5

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening







Remarks / Opmerkings :-
*1 FOR WAGONS FITTED WITH SPOORBARBER BOGIES / VIR TROKKE GEPAS MET SPOORBARBER DRAAISTELLE
*2 78,9 / 30,8 FOR WAGONS FITTED WITH SPOORBARBER BOGIES / VIR TROKKE GEPAS MET SPOORBARBER DRAAISTELLE

Drawing Number / Tekeningnommer	W1/20037	
Bogie Type / Draaisteltipe	SARCAST, SPOORBARBER	
Bearing Size / Laergrootte	11 × 5 1/2, D *1	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6/5 10/4 *1	
Brake System / Remstelsel	✓	
Brake Cylinders / Remsilinders	(V) 4/15	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 94,7/36,9 *2	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E.	
Coupler / Yoke / Koppelaar / Juk	SASKOP S / SAR SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 172
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	CEMENT / SEMENT
Converted for / Omskep vir	—

Revision / Hersiening							
Date / Datum							

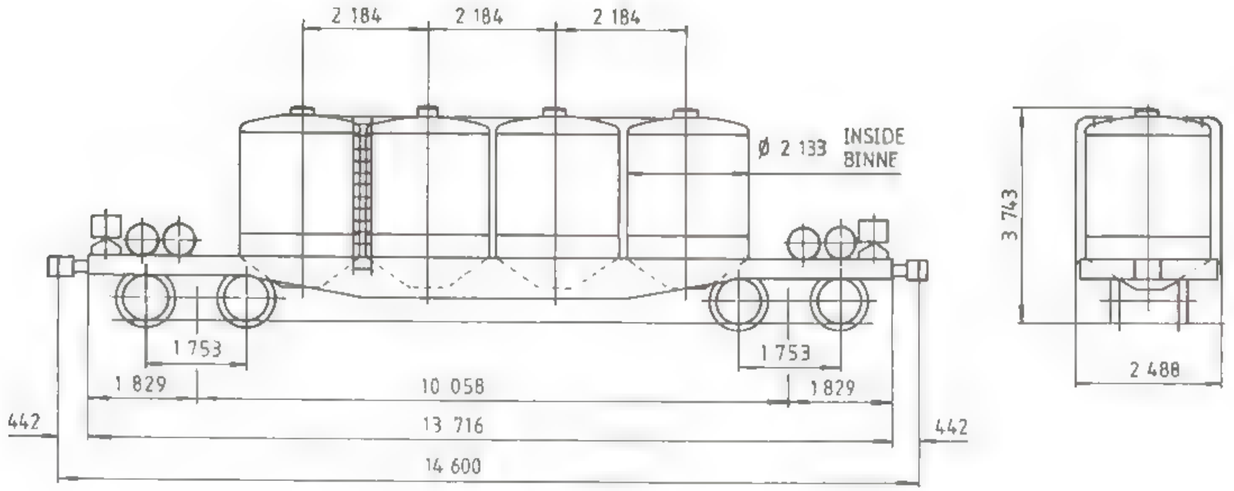
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
18-018 009/18-020 208	1967

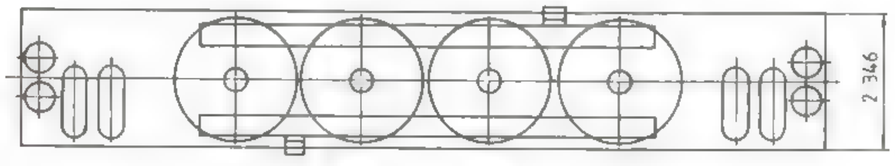
Converted from / Omskep van	Date / Datum

Tare (Average) kg / Tarra (Gemiddeld)	23 64[illegible]
Load kg / Vrag	37 [illegible]0
Load (Coal) kg / Vrag (Steenkool)	—
Floor Area m^2 / Vloeroppervlakte	—
Capacity m^3 / Inhoudsvermoe	8 / TANK TENK

XB-6

34





Remarks
Opmerkings

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
18-021 018 / 18-022 642	1968

Converted from / Omskep van	Date / Datum

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

Drawing Number / Tekeningnommer	W1/20057	
Bogie Type / Draaisteltipe	SPOORBARBER	
Bearing Size / Laergrootte	C	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/4	
Brake System / Remstelsel	V	
Brake Cylinders / Remsilinders	(V) 4/15	(L) —
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L) —
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 90,5/34,1	(L) —
Drawgear Equipment / Trekwerkuitrusting	AAR M901E.	
Coupler / Yoke / Koppelaar / Juk	SASKOP S / SAR SAS	

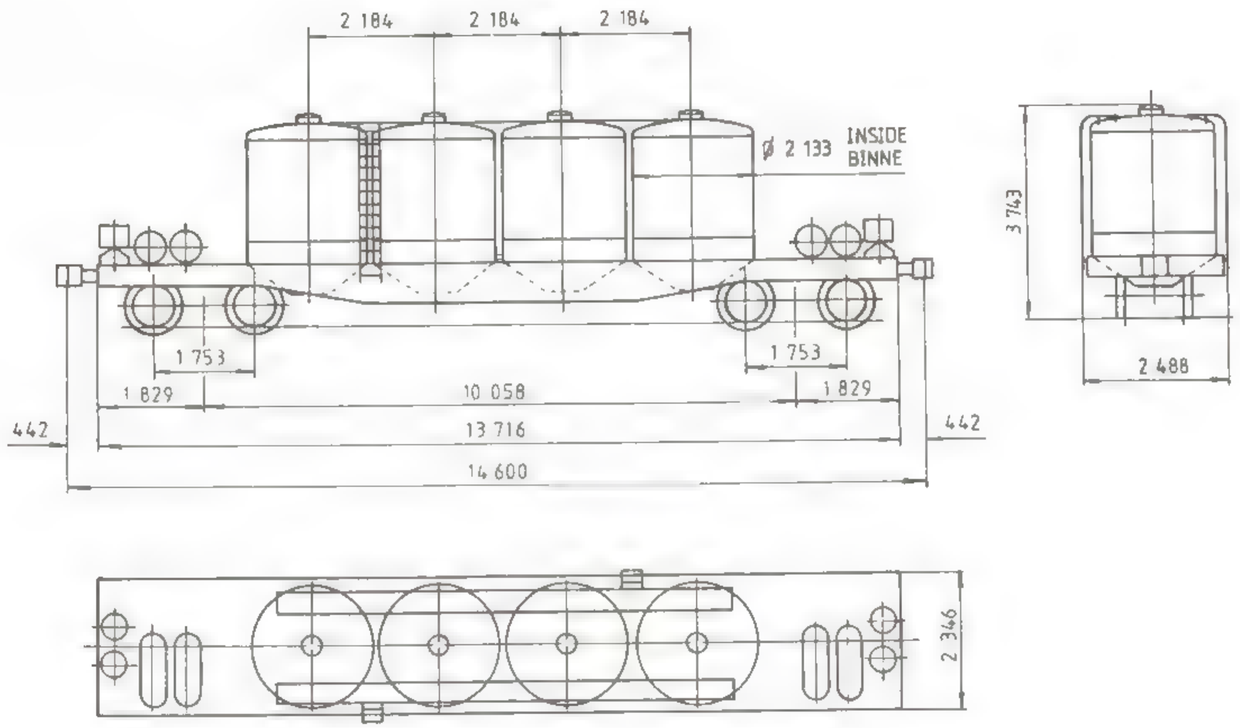
Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 124
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	CEMENT SEMENT
Converted for / Omskep vir	—

Revision / Hersiening						
Date / Datum						

Tare (Average) kg / Tarra (Gemiddeld) kg	22 400
Load kg / Vrag kg	37 000
Load (Coal) kg / Vrag (Steenkool) kg	—
Floor Area m^2 / Vloeroppervlakte m^2	—
Capacity m^3 / Inhoudsvermoë m^3	8 / TANK TENK

XB-7

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting



Remarks / Opmerkings :

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
18-022 707 / 18-023 800	1970 - 71
18-023 819 / 18-028 209	1971 - 72
18-034 047 / 18-034 330	1976

Converted from / Omskep van	Date / Datum

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

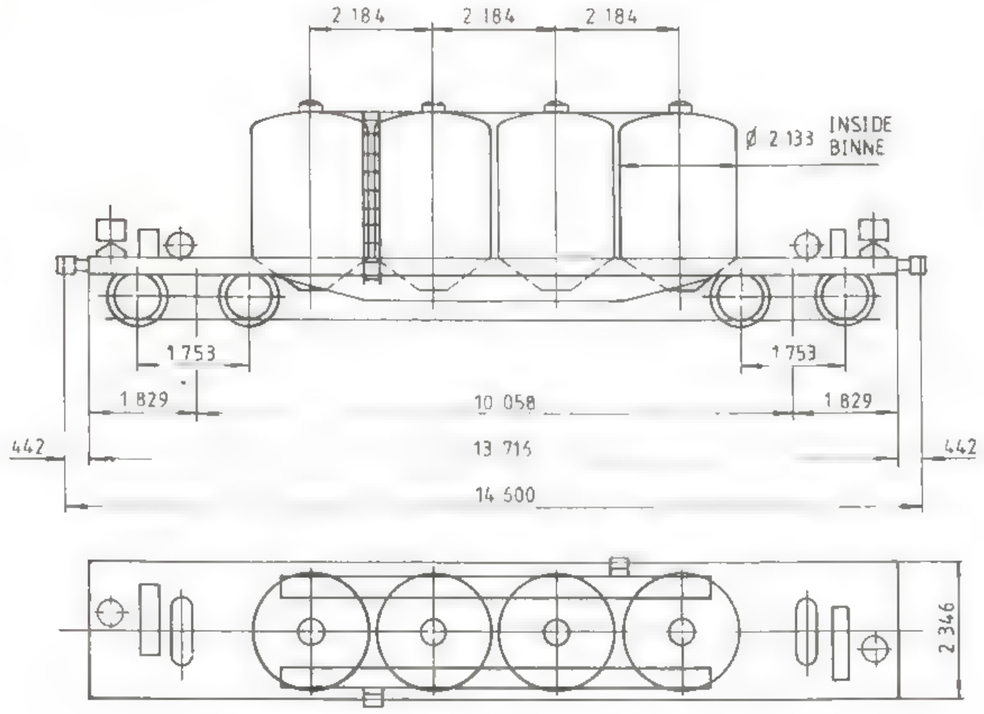
Drawing Number / Tekeningnommer		A0/00/02001	
Bogie Type / Draaisteltipe		SPOORBARBER	
Bearing Size / Laergrootte		C	
Springs per Bogie / Vere per Draaistel	Outer / Inner / Buite / Binne	1)/4	
Brake System / Remstelsel		V	
Brake Cylinders / Remsilinders		(V) 4/15	(L) —
Train Pipe / Treinpyp / Brake Pipe / Rempyp		(V) 65	(L) —
Brake Percentage / Rempersentasie	Empty / Loaded / Leeg / Met Vrag	(V) 90,5 / 34,1	(L) —
Drawgear Equipment / Trekwerkuitrusting		AAR M901E	
Coupler / Yoke / Koppelaar / Juk		SASKOP S / SAR SAS	

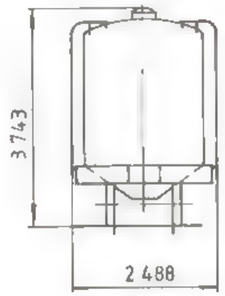
Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 183
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	CEMENT / SEMENT
Converted for / Omskep vir	—

Revision / Hersiening						
Date / Datum						

Tare (Average) kg / Tarra (Gemiddeld) kg	22 400
Load kg / Vrag kg	37)0
Load (Coal) kg / Vrag (Steenkool) kg	—
Floor Area m² / Vloeroppervlakte m²	—
Capacity m³ / Inhoudsvermoë m³	8 / TANK TENK

XB-8





Drawgear Equipment · Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

A Dual Power - Automatic
Tweekrag - Outomaties
Slack Adjuster
Remversteller

V Vacuum
Vakuum
L Air
Lug
D Dual Power - Manually operated
Tweekrag - Handbediening

Remarks :- BEING CONVERTED TO XBJ - 9
Opmerkings WORD OMGEBOU NA

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
18-028 543 / 18-032 915	1973 - 74

Converted from / Omskep van	Date / Datum

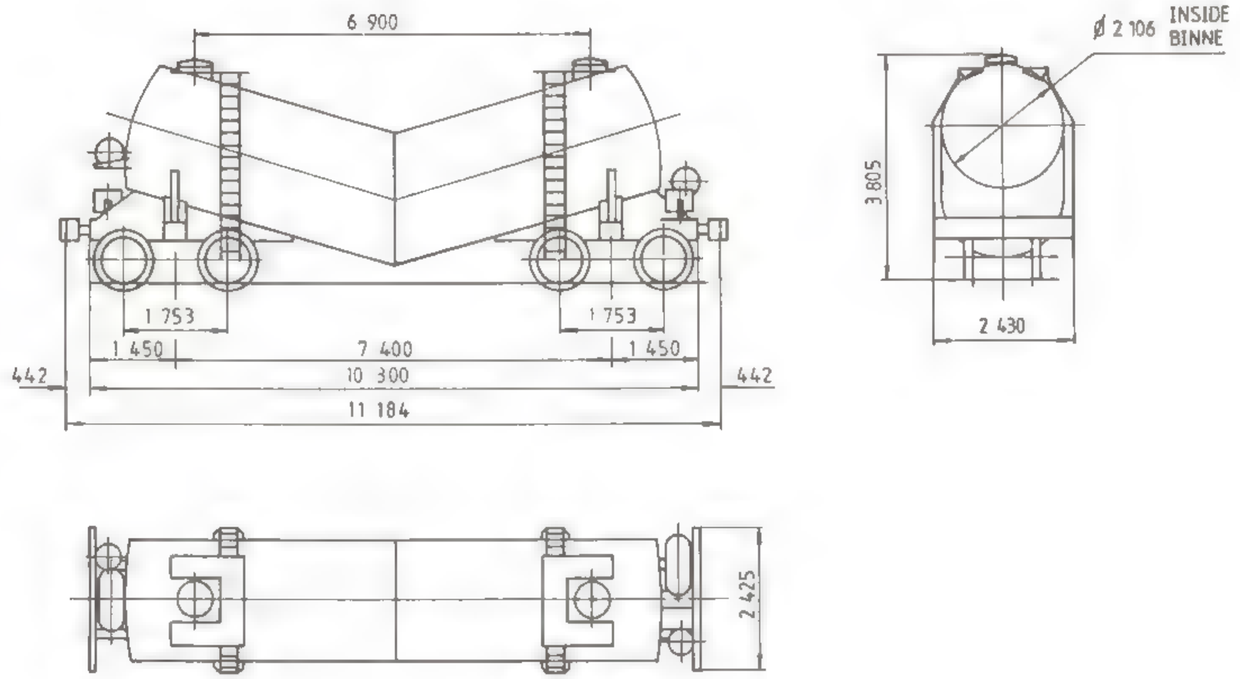
Drawing Number / Tekeningnommer	W001/D017		
Bogie Type / Draaisteltipe	SPOORBARBER		
Bearing Size / Laergrootte	C		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/4		
Brake System / Remstelsel	V/R		
Brake Cylinders / Remsilinders	(V) 2/18	(L) —	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) —	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 78 3/29,5	(L) —	
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E.		
Coupler / Yoke / Koppelaar / Juk	SASKOP S / SAR SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 075
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	CEMENT SEMENT
Converted for / Omskep vir	—

Revision / Hersiening						
Date / Datum						

Tare (Average) kg / Tarra (Gemiddeld)	22 400
Load kg / Vrag	37 000
Load (Coal) kg / Vrag (Steenkool)	—
Floor Area m^2 / Vloeroppervlakte	—
Capacity m^3 / Inhoudsvermoë	8 / TANK TENK

XB-9



Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussingrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Remarks / Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
18-032 958 / 18-034 039	1973-74

Converted from / Omskep van	Date / Datum

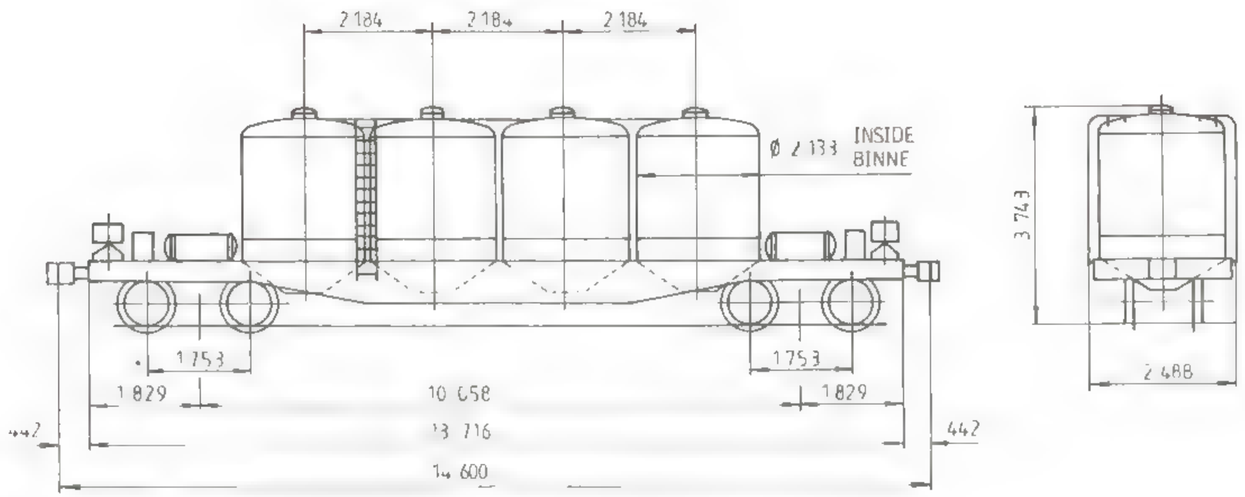
Drawing Number / Tekeningnommer	W 001 / V 008	
Bogie Type / Draaisteltipe	SPOORBARBER	
Bearing Size / Laergrootte	C	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 4	
Brake System / Remstelsel	V / R	
Brake Cylinders / Remsilinders	(V) 2 / 18	(L) —
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) —
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 78,7 / 28,2	(L) —
Drawgear Equipment / Trekwerkuitrusting	AAR. M901E.	
Coupler / Yoke / Koppelaar / Juk	SASKOP S / SAR SAS	

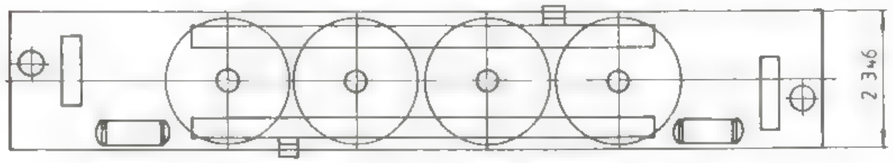
Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 084
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	CEMENT / SEMENT
Converted for / Omskep vir	—

Revision / Hersiening						
Date / Datum						

Tare (Average) kg / Tarra (Gemiddeld)	21 170
Load kg / Vrag	38 000
Load (Coal) kg / Vrag (Steenkool)	—
Floor Area m^2 / Vloeroppervlakte	—
Capacity m^3 / Inhoudsvermoë	15,5 / TANK TENK

XB-10





Remarks
Opmerkings

Vehicle Numbers / Voertuignommers	Placed In Service / In Gebruik Geneem
18-021 018 / 18-022 642	1968

Converted from / Omskep van	Date / Datum
XB - 7	1987 -

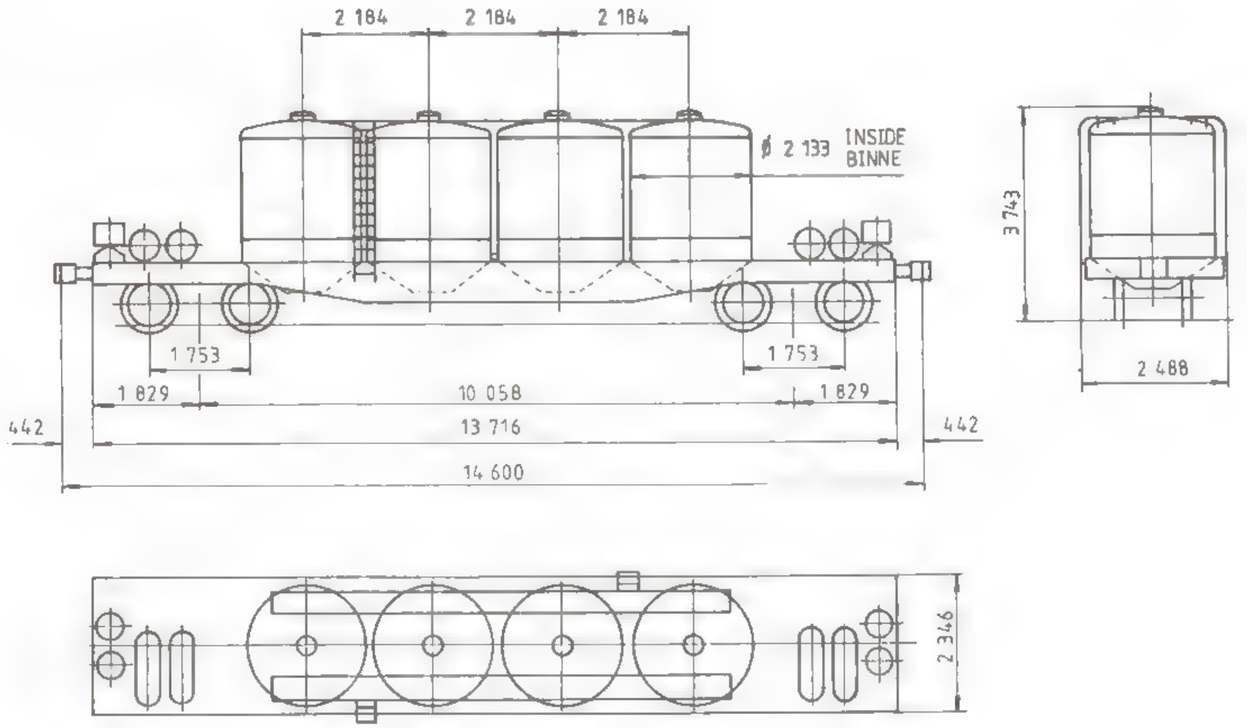
Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller

Drawing Number / Tekeningnommer		W1/20057		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 124	Tare (Average) kg / Tarra (Gemiddeld) kg	22 400
Bogie Type / Draaisteltipe		SPOORBARBER				Load / Vrag kg	37 000
Bearing Size / Laergrootte		r				Load (Coal) kg / Vrag (Steenkool)	—
Springs per Bogie / Vere per Draaistel	Outer / Inner / Buite / Binne	10/4				Floor Area / Vloeroppervlakte m^2	—
Brake System / Remstelsel		V/R				Capacity / Inhoudsvermoe m^3	8 / TANK TENK
Brake Cylinders / Remsilinders		(V) 2/18	(L) —	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000		
Train Pipe / Treinpyp / Brake Pipe / Rempyp		(V) 65	(L) —	Originally designed for / Oorspronklik ontwerp vir	CEMENT SEMENT		
Brake Percentage / Rempersentasie	Empty / Loaded / Leeg / Met Vrag	(V) 61,6/23,2	(L) —	Converted for / Omskep vir	—		
Drawgear Equipment / Trekwerkuitrusting		AAR M901E		Revision / Hersiening			
Coupler / Yoke / Koppelaar / Juk		SASKOP S / SAR SAS		Date / Datum			

XBJ-7

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussinginrigting



Remarks / Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
18-022 707 / 18-023 800	1970-71
18-023 819 / 18-028 209	1971-72
18-034 047 / 18-034 330	1976

Converted from / Omskep van	Date / Datum
XB-8	1985-

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Drawing Number / Tekeningnommer		A0/00/02001	
Bogie Type / Draaisteltipe		SPOORBARBER	
Bearing Size / Laergrootte		C	
Springs per Bogie / Vere per Draaistel	Outer / Buite / Inner / Binne	10/4	
Brake System / Remstelsel		V	
Brake Cylinders / Remsilinders		(V) 2/18	(L) ——
Train Pipe / Treinpyp / Brake Pipe / Rempyp		(V) 65	(L) ——
Brake Percentage / Rempersentasie	Empty / Leeg / Loaded / Met Vrag	(V) 61,6 / 23 2	(L) ——
Drawgear Equipment / Trekwerkuitrusting		AAR M901E.	
Coupler / Yoke / Koppelaar / Juk		SASKOP-S / SAR SAS	

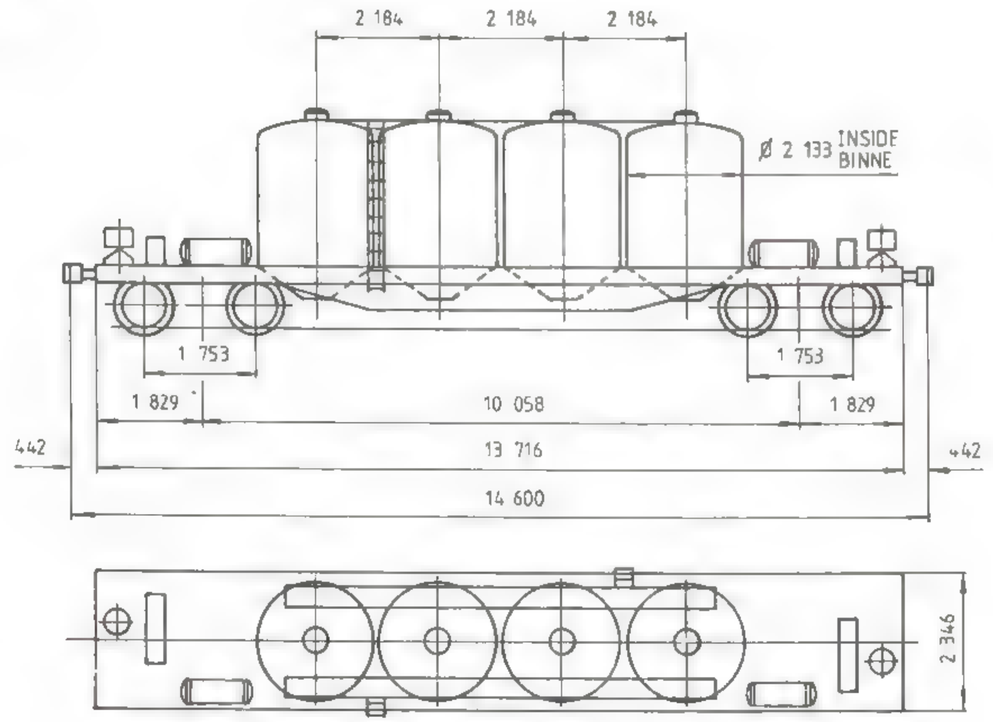
Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 183
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	CEMENT / SEMENT
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

Tare (Average) kg / Tarra (Gemiddeld)	22 400
Load kg / Vrag	37 000
Load (Coal) kg / Vrag (Steenkool)	——
Floor Area m^2 / Vloeroppervlakte	——
Capacity m^3 / Inhoudsvermoe	8 / TANK TENK

XBJ-8

40



Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
18-028 543 / 18-032 915	1973 - 74

Remarks / Opmerkings: BEING CONVERTED FROM / WORD OMGEBOU VAN XB - 9

Converted from Omskep van	Date Datum
XB - 9	1984 —

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties / Slack Adjuster / Remversteller
D Dual Power - Manually operated / Tweekrag - Handbediening / Lug
L Air
V Vacuum / Vakuum

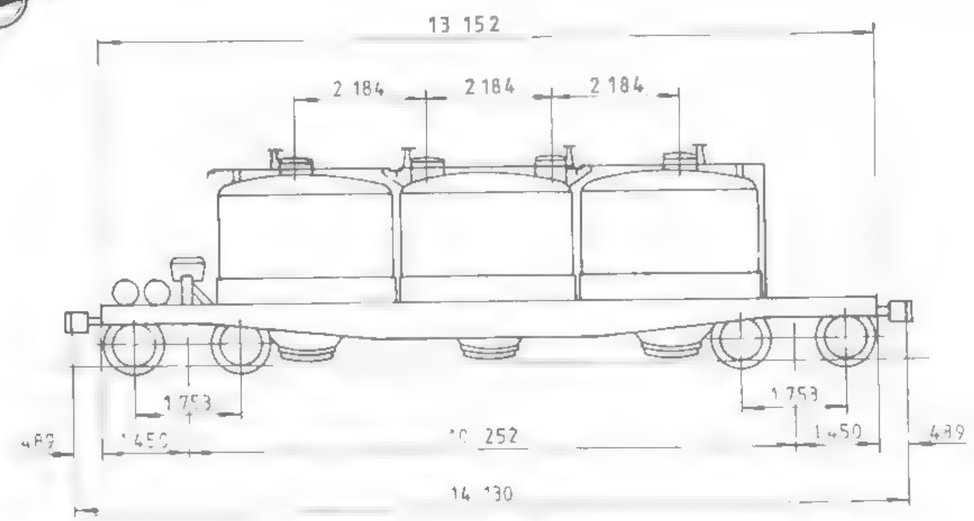
Drawing Number / Tekeningnommer	W001/D 017	
Bogie Type / Draaisteltipe	SPOORBARBER	
Bearing Size / Laergrootte	C	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/4	
Brake System / Remstelsel	V/R	
Brake Cylinders / Remsilinders	(V) 2/18	(L) —
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L) —
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 61,2/23,1	(L) —
Drawgear Equipment / Trekwerkuitrusting	AAR M901E	
Coupler / Yoke / Koppelaar / Juk	SASKOP S/ SAR SAS	

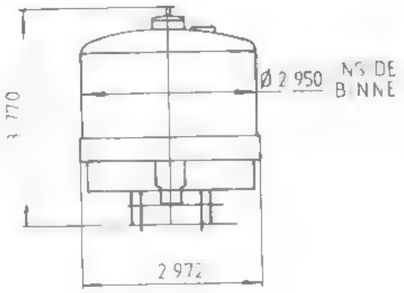
Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 075
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	CEMENT SEMENT
Converted for / Omskep vir	—

Revision / Hersiening						
Date / Datum						

Tare (Average) kg / Tarra (Gemiddeld) kg	22 400
Load kg / Vrag kg	37 000
Load (Coal) kg / Vrag (Steenkool) kg	—
Floor Area m^2 / Vloeroppervlakte m^2	—
Capacity m^3 / Inhoudsvermoë m^3	B/ TANK TENK

XBJ - 9





Drawgear Equipment — Trekwerkuitrusting
KK Coupler hydraulic cushioning device — Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device — Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
A Dual Power - Automatic — Tweekrag - Outomaties
R Slack Adjuster — Remverstellier
V Vacuum — Vakuum
L Air — Lug
D Dual Power - Manually operated — Tweekrag - Handbediening

Remarks
Opmerkings

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
18-034 349/18-039 286	1980 - 1981

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	[illegible]
Bogie Type / Draaisteltipe	[illegible]
Bearing Size / Laergrootte	D
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	[illegible]
Brake System / Remstelsel	[illegible]
Brake Cylinders / Remsilinders	(V) 2/21 (L) —
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 45 (L) —
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 65,8/20,8 (L) —
Drawgear Equipment / Trekwerkuitrusting	AAR M901E
Coupler / Yoke / Koppelaar / Juk	E / SAR SAS

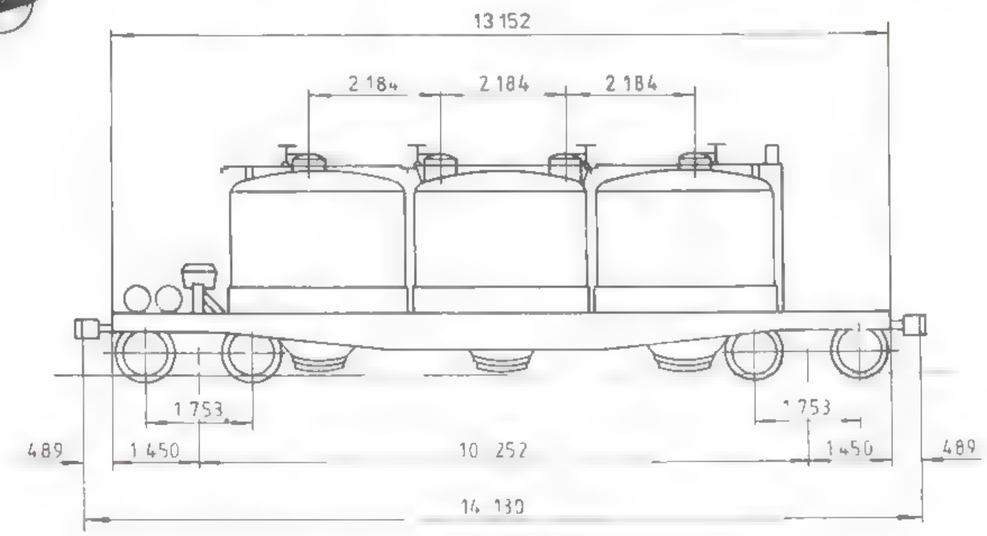
Centre of Gravity Empty / Swaartepunt (Leeg)	[illegible]
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	80 000
Originally designed for / Oorspronklik ontwerp vir	CEMENT SEMENT
Converted for / Omskep vir	

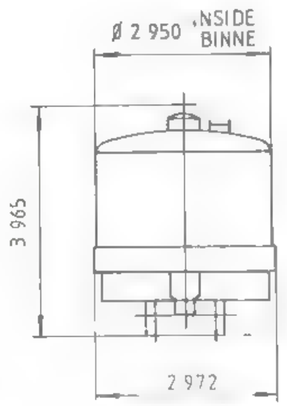
Revision / Hersiening						
Date / Datum						

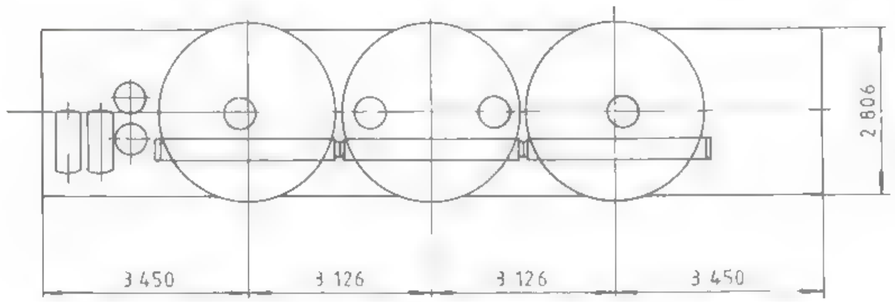
Tare (Average) kg / Tarra (Gemiddeld)	[illegible]
Load kg / Vrag	[illegible]
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	
Capacity m^3 / Inhoudsvermoe	[illegible] TANK TENK

XBJ-11

42







Remarks
Opmerkings :-

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting

Brake System - Remstelsel
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power-Manually operated / Tweekrag-Handbediening

Drawing Number / Tekeningnommer	W001/D084	
Bogie Type / Draaisteltipe	HS MK VII	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10	
Brake System / Remstelsel	V/R	
Brake Cylinders / Remsilinders	(V) 2/21	(L) —
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) —
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 68,2 / 22,3	(L) —
Drawgear Equipment / Trekwerkuitrusting	AAR. M901E	
Coupler / Yoke / Koppelaar / Juk	E/E	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 144
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	80 000
Originally designed for / Oorspronklik ontwerp vir	CEMENT / SEMENT
Converted for / Omskep vir	—

Revision / Hersiening	1					
Date / Datum	86-12-19					

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
18-041 000/18-044 298	1984-1985

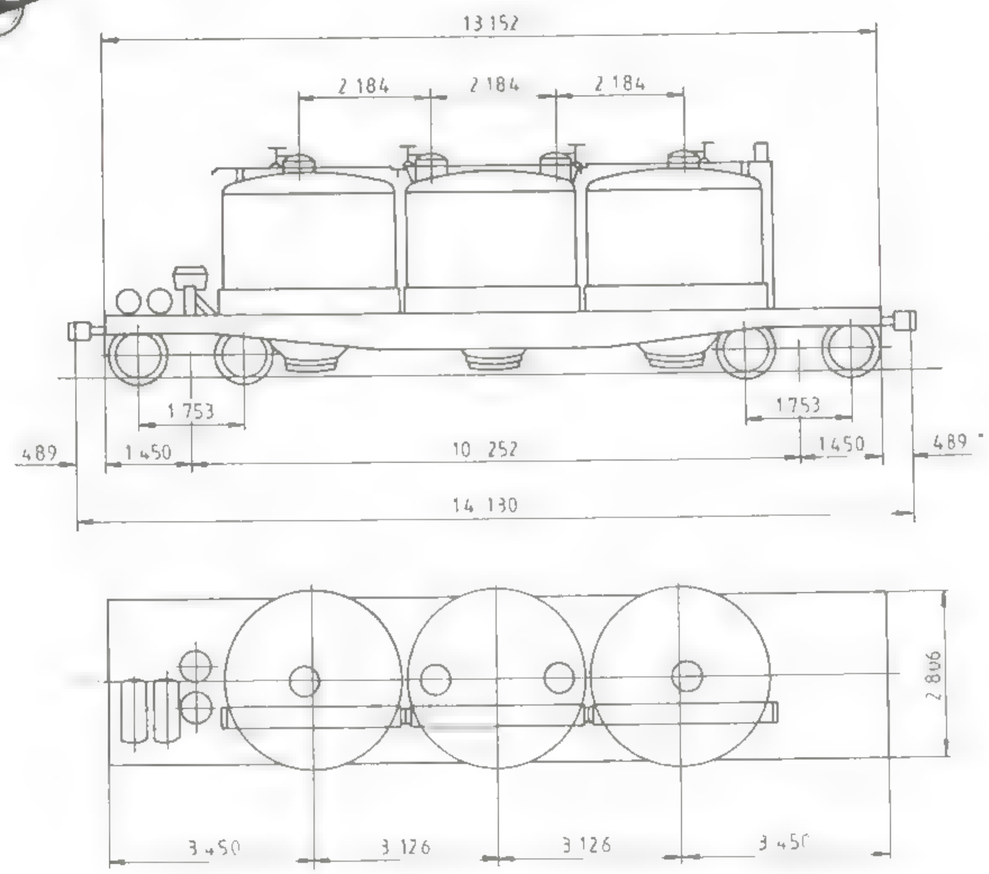
Converted from / Omskep van	Date / Datum

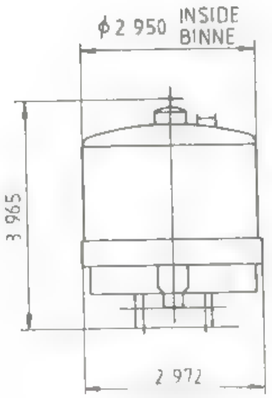
Tare (Average) kg / Tarra (Gemiddeld)	24 100
Load kg / Vrag	56 000
Load (Coal) kg / Vrag (Steenkool)	—
Floor Area m^2 / Vloeroppervlakte	—
Capacity m^3 / Inhoudsvermoë	17 / TANK TENK

XBJ-12

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
D Dual Power - Manually operated / Tweekrag - Handbediening
L Lug
V Vacuum / Vakuum
Air





Remarks
Opmerkings :-

Drawing Number / Tekeningnommer	W001/F040	
Bogie Type / Draaisteltipe	HS MK VII	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10	
Brake System / Remstelsel	V/R	
Brake Cylinders / Remsilinders	(V) 2/18	(L) —
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) —
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 67,8 / 22,0	(L) —
Drawgear Equipment / Trekwerkuitrusting	AAR M901E	
Coupler / Yoke / Koppelaar / Juk	E, E	

Centre of Gravity (Empty) / Swaartepunt (Leeg)							
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	80 000						
Originally designed for / Oorspronklik ontwerp vir	CEMENT / SEMENT						
Converted for / Omskep vir							
Revision / Hersiening							
Date / Datum							

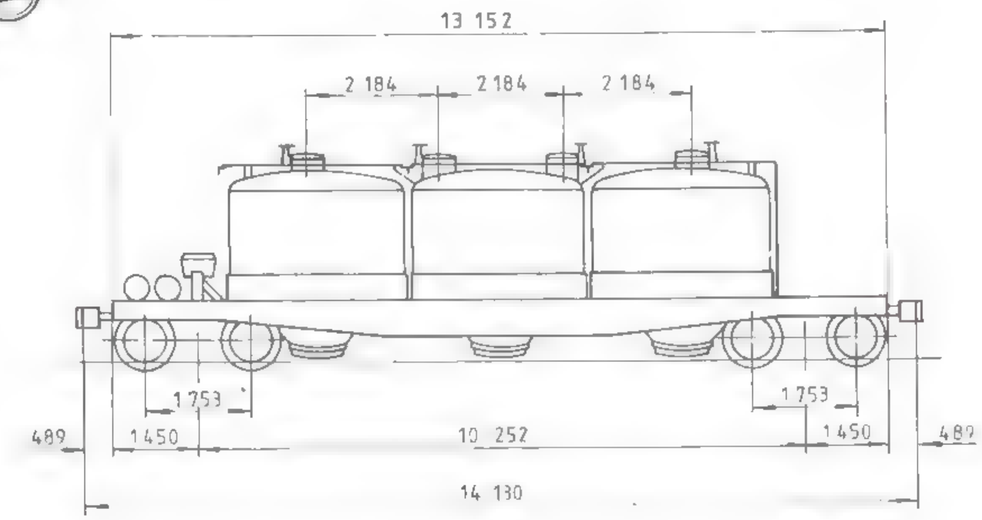
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
18-039 898 / 18-040 985	1984-1985

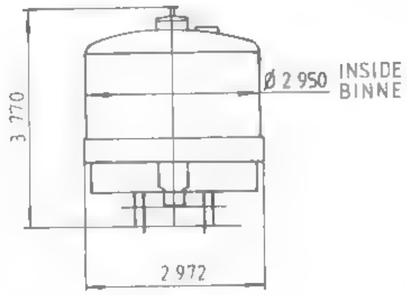
Converted from / Omskep van	Date / Datum

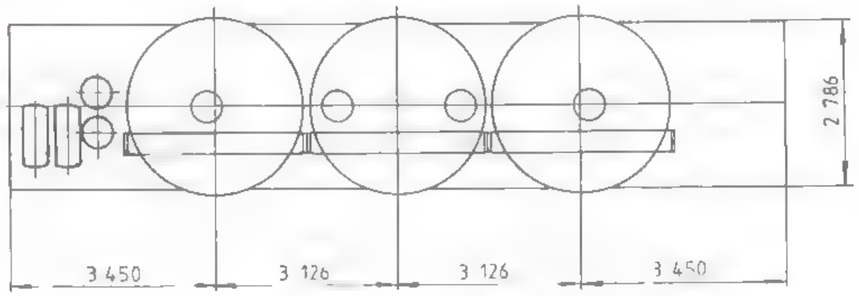
Tare (Average) kg / Tarra (Gemiddeld)	25 700
Load kg / Vrag	54 700
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	-
Capacity m^3 / Inhoudsvermoë	171 TANK / TENK

XBJ-13

44







Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroliese kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Remarks / Opmerkings :-

Drawing Number / Tekeningnommer	W001/D063	
Bogie Type / Draaisteltipe	HS MK. VII	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10	
Brake System / Remstelsel	V/R	
Brake Cylinders / Remsilinders	(V) 2/21	(L) 1/10 x 12
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 65,94/20,85	(L) 60,3/ 19,1
Drawgear Equipment / Trekwerkuitrusting	AAR. M901E	
Coupler / Yoke / Koppelaar / Juk	E / SAR / SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 090
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	80 000
Originally designed for / Oorspronklik ontwerp vir	CEMENT / SEMENT
Converted for / Omskep vir	

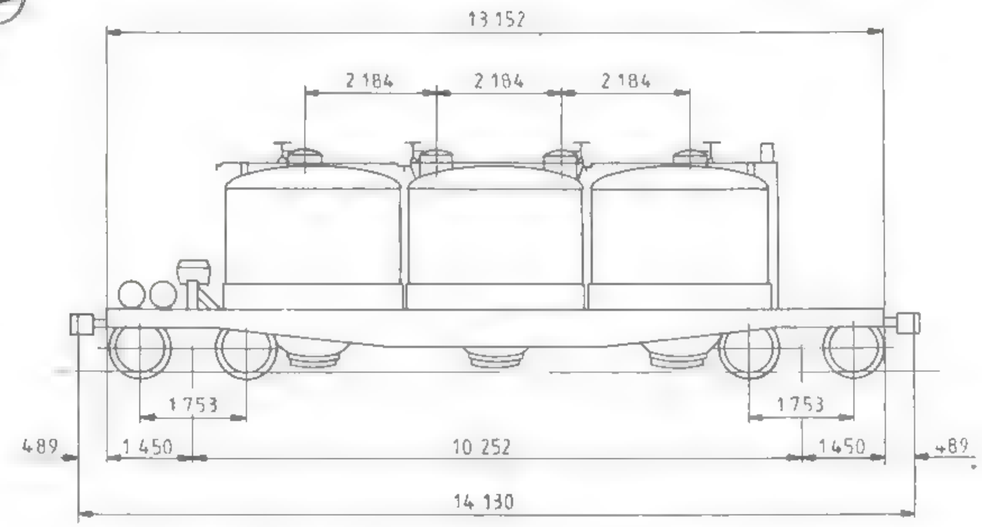
Revision / Hersiening						
Date / Datum						

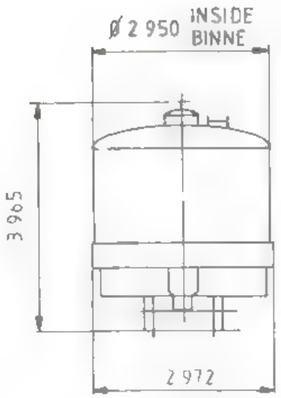
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
18-034 349/18-039 286	1980 - 1981

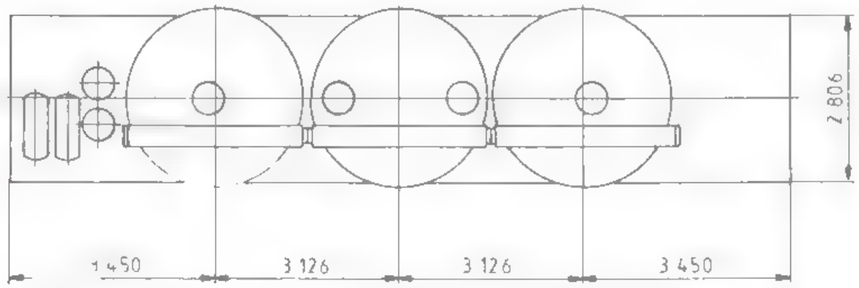
Converted from / Omskep van	Date / Datum

Tare (Average) kg / Tarra (Gemiddeld)	25 300
Load kg / Vrag	54 700
Load (Coal) kg / Vrag (Steenkool)	—
Floor Area m^2 / Vloeroppervlakte	—
Capacity m^3 / Inhoudsvermoë	15,7 / TANK / TENK

XBLJ-11







Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidroulliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidroulliese kussinginrigting

Brake System - Remstelsel

A Dual Power-Automatic
Tweekrag-Outomaties
Slack Adjuster
R Remversteller

V Vacuum
Vakuum
L Air
Lug
D Dual Power - Manually operated
Tweekrag - Handbediening

Remarks
Opmerkings

Drawing Number Tekeningnommer	W001 / D084	
Bogie Type Draaisteltipe	HS MK VII	
Bearing Size Laergrootte	D	
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	10/10	
Brake System Remstelsel	V/R	
Brake Cylinders Remsilinders	(V) 2.21	(L) 1 1/10 × 12
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L) 32
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 59 / 20,8	(L) 63,19
Drawgear Equipment Trekwerkuitrusting	AAR M901E	
Coupler / Yoke Koppelaar / Juk	E/E	

Centre of Gravity (Empty) Swaartepunt (Leeg)	1 144
Design Limit – Mass on Rail kg Ontwerplimiet – Massa op Spoor	80 000
Originally designed for Oorspronklik ontwerp vir	CEMENT SEMENT
Converted for Omskep vir	

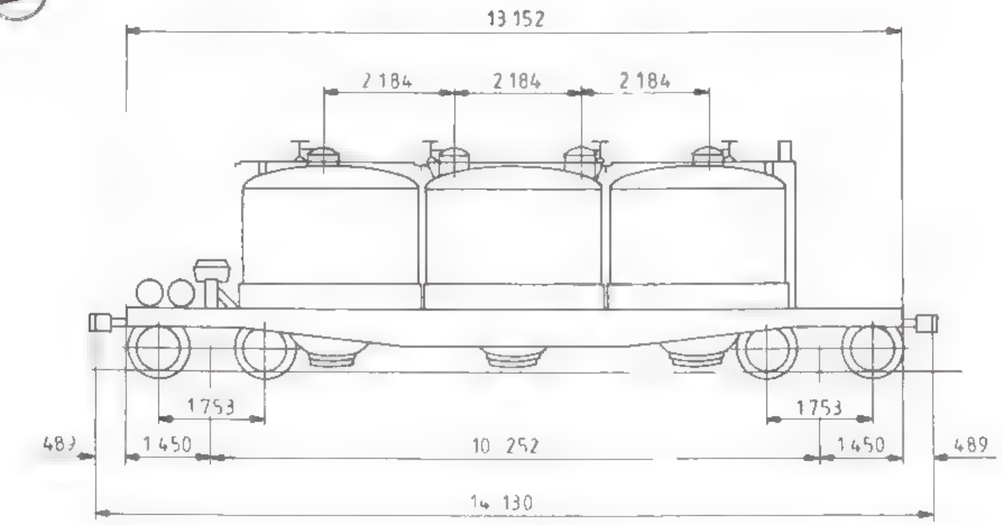
Revision Hersiening						
Date Datum						

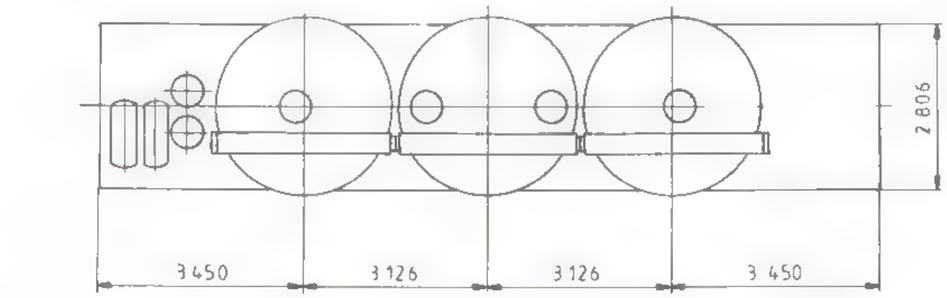
Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
18-041 000 / 18-044 298	1984-1985

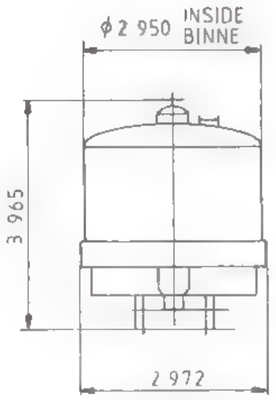
Converted from Omskep van	Date Datum
XBJ-12	

Tare (Average) kg Tarra (Gemiddeld)	24 100
Load kg Vrag	56 000
Load (Coal) kg Vrag (Steenkool)	
Floor Area m^2 Vloeroppervlakte	
Capacity m^3 Inhoudsvermoe	17 / TANK TENK

XBLJ - 12







Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller

Remarks
Opmerkings

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
18-039 898/18-040 985	1984 1985

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	W001/F040	
Bogie Type / Draaisteltipe	HS MK VII	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10	
Brake System / Remstelsel	V/R	
Brake Cylinders / Remsilinders	(V) 2/18	(L) 1/10 ×12
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L) 32
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 67,8/22,0	(L) 67,1/21,4
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E	
Coupler / Yoke / Koppelaar / Juk	E/E	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	80 000
Originally designed for / Oorspronklik ontwerp vir	CEMENT SEMENT
Converted for / Omskep vir	—

Revision / Hersiening						
Date / Datum						

Tare (Average) kg / Tarra (Gemiddeld) kg	25 700
Load kg / Vrag kg	54 700
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	-
Capacity m^3 / Inhoudsvermoe m^3	17 / TANK TENK

XBLJ -13

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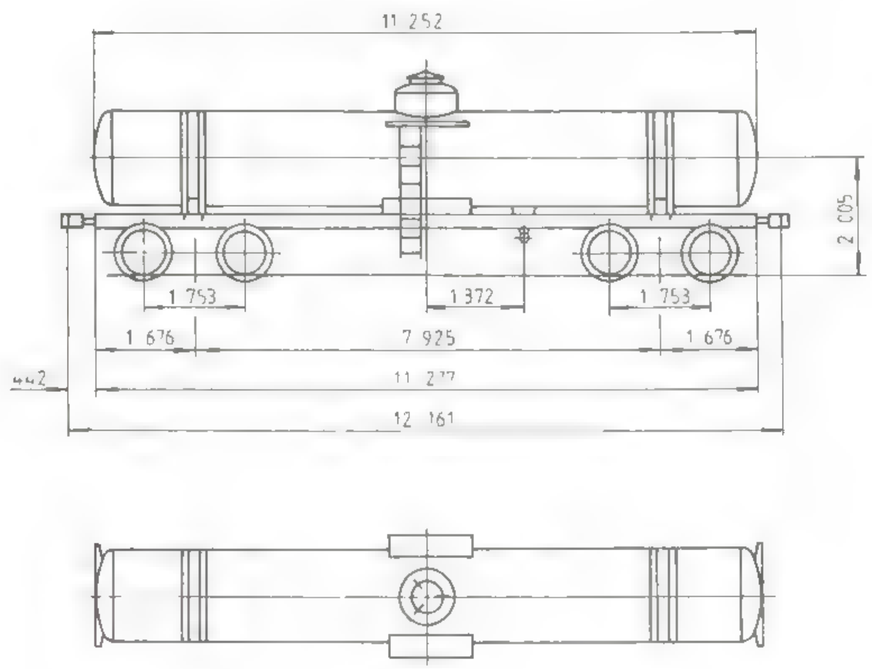
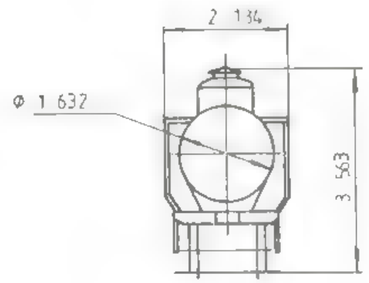




Drawgear Equipment — Trekwerkuitrusting
KK Coupler hydraulic cushioning device — Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device — Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic Tweekrag - Outomaties
R Slack Adjuster Remversteller
V Vacuum Vakuum
L Air Lug
D Dual Power - Manually operated Tweekrag - Handbediening

XC - 4

Remarks / Opmerkings: Fitted with Steam Heating Elements / Toegerus met Elemente vir Stoomverwarming

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W 1/9842
Bogie Type / Draaisteltipe	DIAM FRAME RUITRAAM
Bearing Size / Laergrootte	11 × 5 1/2
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	4 ELLIP
Brake System / Remstelsel	V
Brake Cylinders / Remsilinders	(V) 1/21 (L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 86 1/37 3 (L)
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS

Centre of Gravity (Empty) / Swaartepunt (Leeg)					
Tank Material / Tenkmateriaal	SPE CME S M 1 8				
Tank Lining / Tenkvoering					
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor					
Originally designed for / Oorspronklik ontwerp vir	WATER STROOP				
Converted for / Omskep vir	CREOSOTE KREOSOOT				
Revision / Hersiening					
Date / Datum					

Capacity (full) / Inhoudsvermoe (vol) L	Tare (Average) kg / Tarra (Gemiddeld)
22 140	1

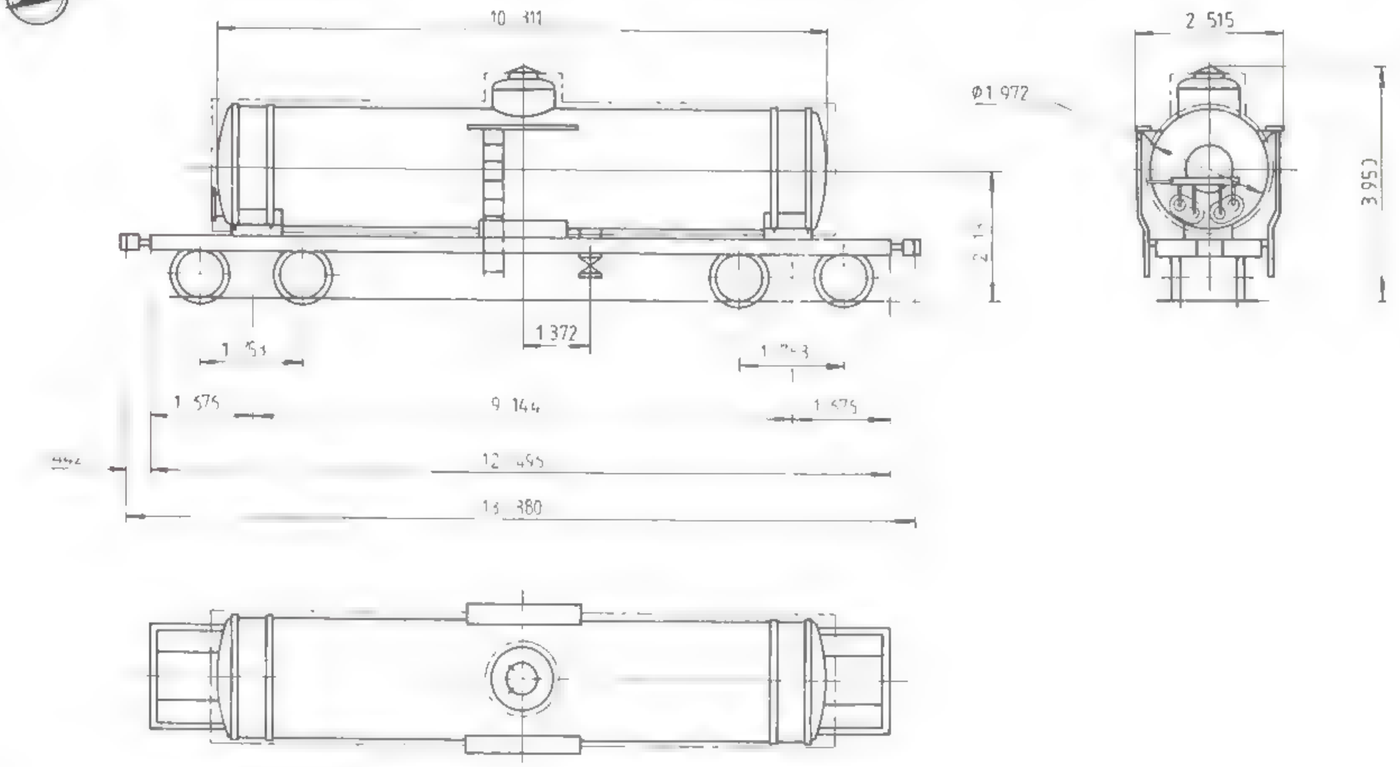
Contents / Inhoud	Capacity / Inhoudsvermoe L	Mass / Massa kg
CREOSOTE KREOSOOT	22 140	2

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
32 - 010 052	1940

Converted from / Omskep van	Date / Datum
X - 15	19 ?

XC-4

48



Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
32 - 013 000 / 32 - 013 310	1964

Remarks - FITTED WITH STEAM HEATING ELEMENTS
Opmerkings - TOEGERUS MET ELEMENTE VIR STOOMVERWARMING

Converted from Omskep van	Date Datum
XT-8	1984

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device - Koppelaar hidroulliese kussinginrigting
SSC Centre sill hydraulic cushioning device - Middelbalk hidroulliese kussinginrigting

Brake System - Remstelsel
V Vacuum - Vakuum
L Air - Lug
D Dual Power - Manually operated - Tweekrag - Handbediening
A Dua Power - Automatic - Tweekrag - Outomaties
R Slack Adjuster - Remversteller

Drawing Number Tekeningnommer	CME 141/12 A21	
Bogie Type Draaisteltipe	SARCAST	
Bearing Size Laergrootte	11 × 5½	
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	6 / 6	
Brake System Remstelsel	V	
Brake Cylinders Remsilinders	(V) 2 / 18	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 77,5 / 33,5	(L)
Drawgear Equipment Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR - SAS	

Centre of Gravity (Empty) Swaartepunt (Leeg)					
Tank Material Tenkmateriaal	SPE - CME 9	SM 8			
Tank Lining Tenkvoering					
Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor					
Originally designed for Oorspronklik ontwerp vir	TAR TEER				
Converted for Omskep vir	CREOSOTE KREOSOOT				
Revision Hersiening					
Date Datum					

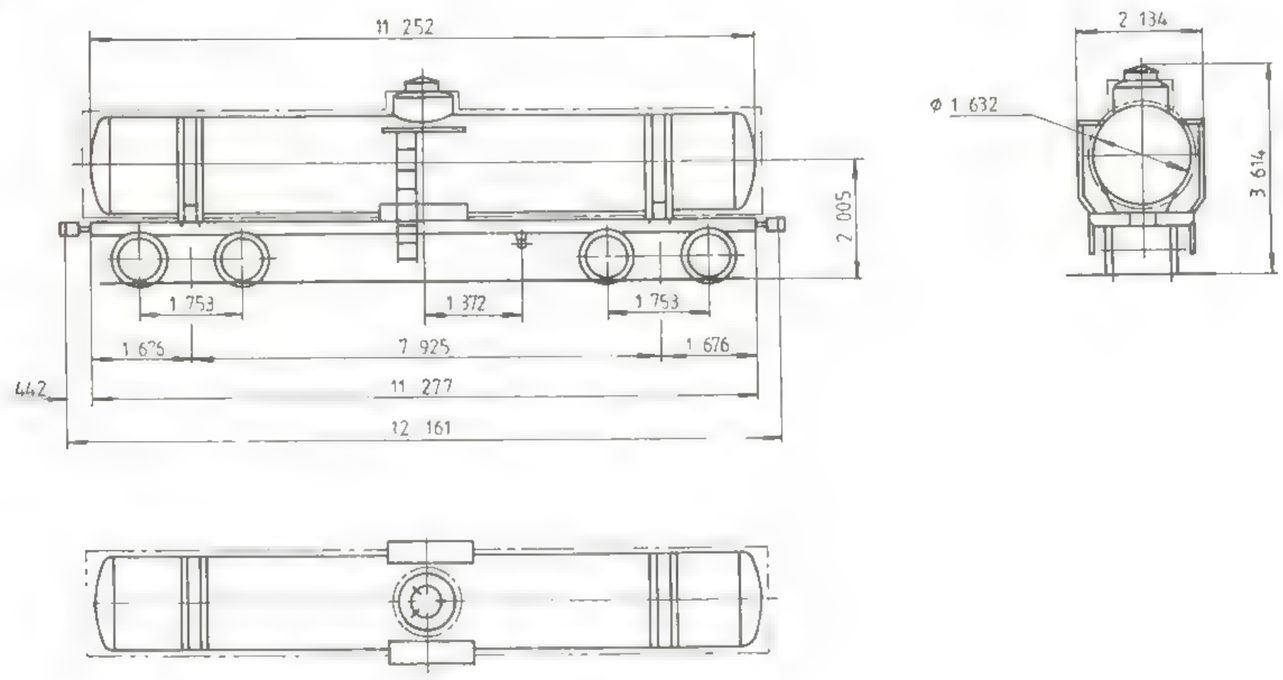
Capacity (full) l Inhoudsvermoe(vol) l	Tare (Average) kg Tarra (Gemiddeld) kg
29 980	21 [illegible]

Contents Inhoud	Capacity Inhoudsvermoe l	Mass Massa kg
CREOSOTE KREOSOOT	29 980	21 480

XC - 8

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller



Remarks / Opmerkings : FITTED WITH STEAM HEATING ELEMENTS
TOEGERUS MET ELEMENTE VIR STOOMVERWARMING

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
32 - 014 007 / 32-014 058	1948 - >0

Converted from / Omskep van	Date / Datum
XT-9 (ex X-16)	

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12-A99

Drawing Number / Tekeningnommer	W 1/9582 W 1/9842 CDO	SKETCH / SKETS	620
Bogie Type / Draaisteltipe	CANCAR		
Bearing Size / Laergrootte	10 x [illegible]		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	[illegible]		
Brake System / Remstelsel	V		
Brake Cylinders / Remsilinders	(V) 1/21	(L)	
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50)	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 76,4 / 35,4	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)					
Tank Material / Tenkmateriaal	[illegible] CME 9 [illegible] M B				
Tank Lining / Tenkvoering					
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor					
Originally designed for / Oorspronklik ontwerp vir	WATER	TREACLE / STROOP	OIL / OLIE		
Converted for / Omskep vir	CREOSOOT / KREOSOOT				
Revision / Hersiening					
Date / Datum					

Capacity (full) / Inhoudsvermoe (vol) L	22 050	Tare (Average) / Tarra (Gemiddeld) kg	[illegible]
Contents / Inhoud		Capacity / Inhoudsvermoe L	Mass / Massa kg
CREOSOTE / KREOSOOT		22 050	[illegible]

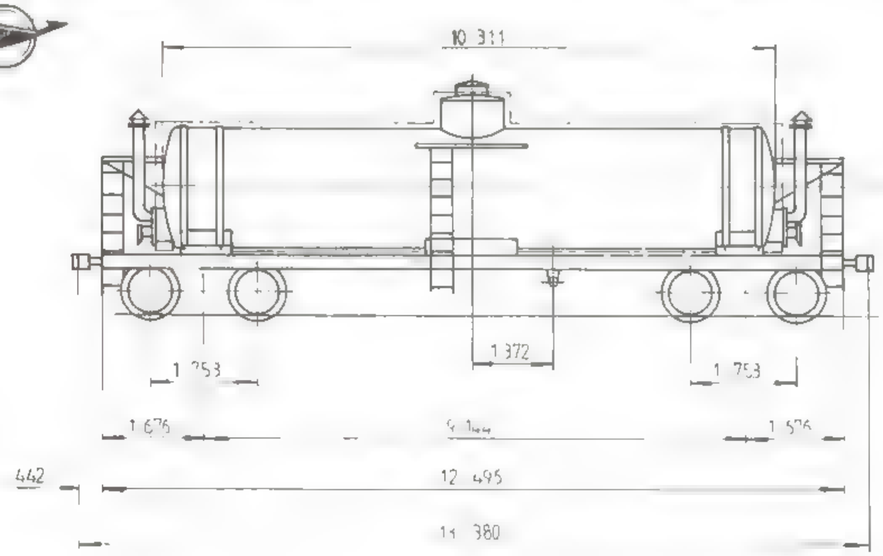
XC-9

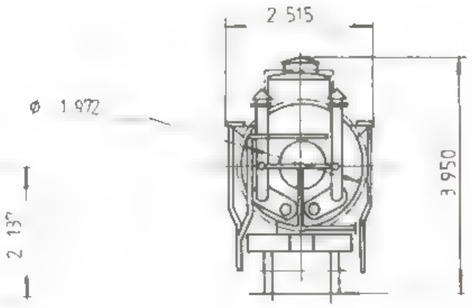
50

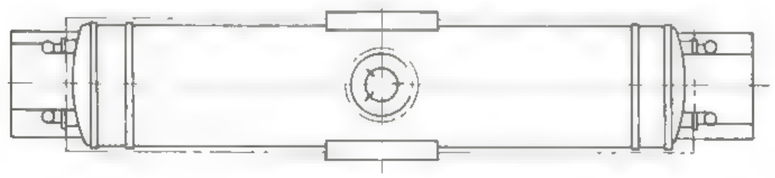
Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidroulies kussingrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidroulies kussingrigting







Remarks : Fitted with Steam/Flame Heating Elements
Opmerkings : Toegerus met Elemente vir Stoom-/Vlamverwarming

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
32 - 015 003 / 32 - 015 267	1966 67

Converted from Omskep van	Date Datum
XT - 10	1983 -

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Brake System - Remstelsel

A Dual Power - Automatic
Tweekrag - Outomaties
Slack Adjuster
R Remversteller

D Dual Power - Manually operated
Tweekrag - Handbediening

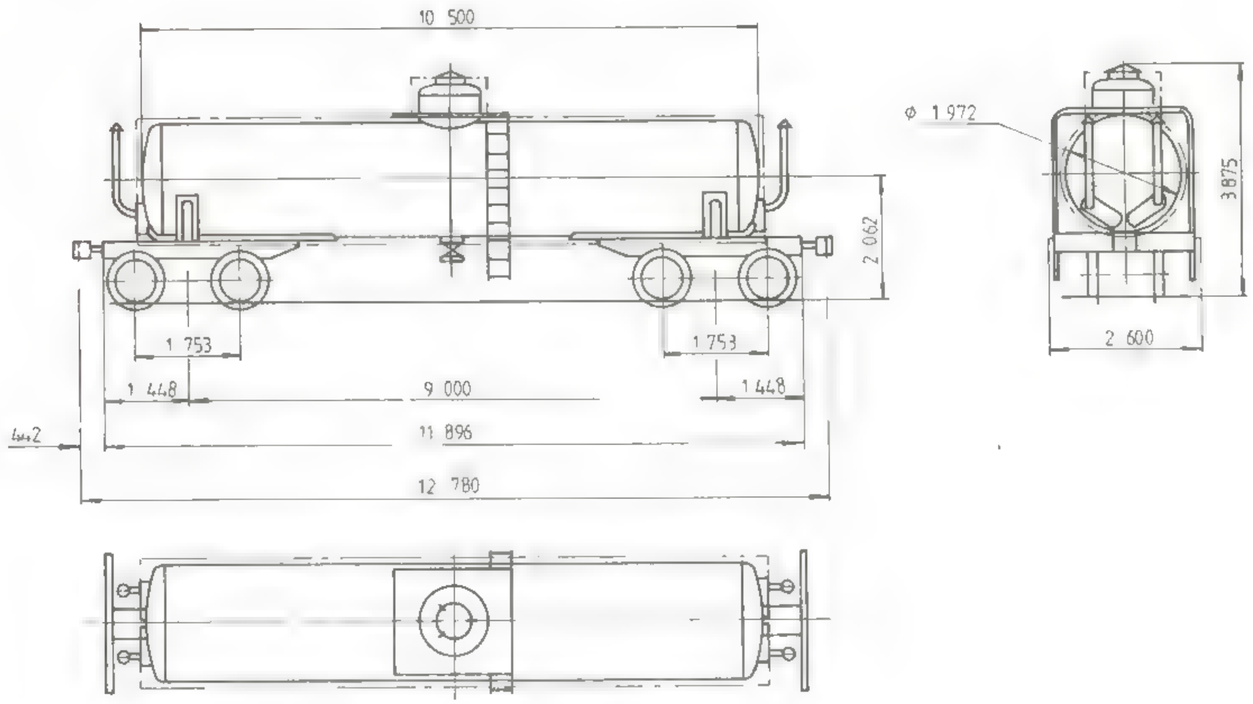
V Vacuum
Vakuum
L Air
Lug

Drawing Number Tekeningnommer	W 1 / 20046		
Bogie Type Draaisteltipe	SARCAST		
Bearing Size Laergrootte	11 × 5½		
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	6 / 6		
Brake System Remstelsel	V		
Brake Cylinders Remsilinders	(V) 2 / 18	(L)	
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 71,3 / 32 5	(L)	
Drawgear Equipment Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR - SAS		

Centre of Gravity (Empty) Swaartepunt (Leeg)	1 326		Capacity (full) l Inhoudsvermoë (vol) l	29 650	Tare (Average) kg Tarra (Gemiddeld) kg	25 040
			Contents Inhoud		Capacity l Inhoudsvermoe l	Mass kg Massa kg
			CREOSOTE KREOSOOT		29 650	31 130
Tank Material Tenkmateriaal	SPEC CME 9 SPES	SYM 8 SIM				
Tank Lining Tenkvoering						
Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor	60 000					
Originally designed for Oorspronklik ontwerp vir	TAR TEER					
Converted for Omskep vir	CREOSOTE KREOSOOT					
Revision Hersiening						
Date Datum						

XC - 10

51



Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
32 - 016 018 / 32 - 016 379	1972

Remarks : Fitted with Steam / Flame Heating Elements
Opmerkings : Toegerus met Elemente vir Stoom-/ Vlamverwarming

Converted from Omskep van	Date Datum
XT - 11	1981-

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12-A99

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device
Koppelaar hidroulies kussinginrigting
SSC Centre sill hydraulic cushioning device
Middelbalk hidroulies kussinginrigting

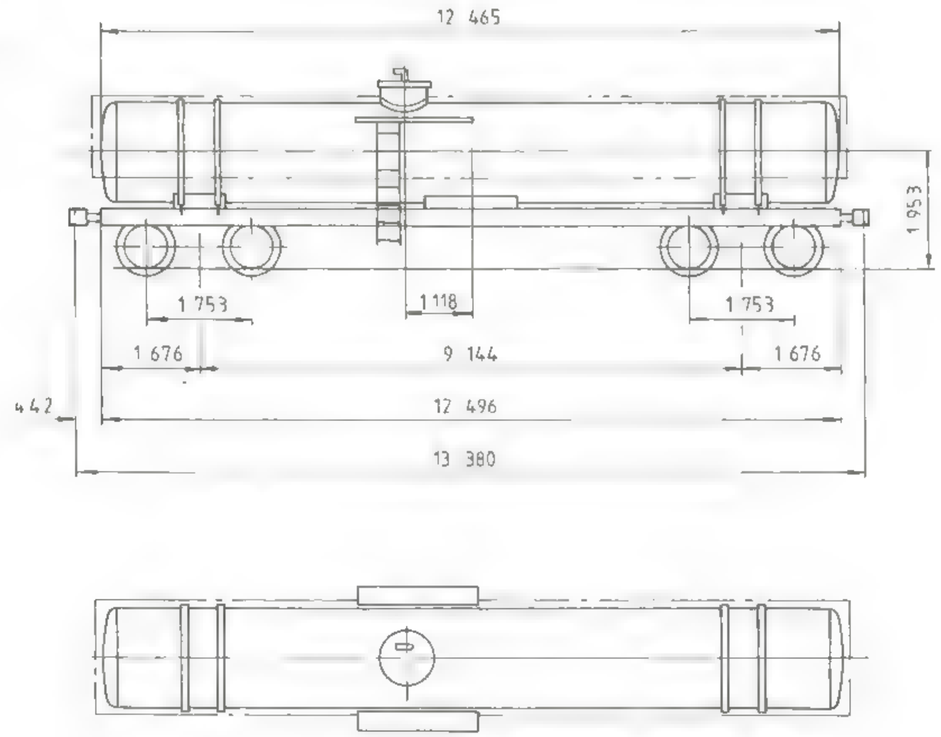
Brake System - Remstelsel
A Dual Power - Automatic
Tweekrag - Outomaties
S Sack Adjuster
R Remversteller
V Vacuum
Vakuum
L Air
Lug
D Dual Power - Manually operated
Tweekrag - Handbediening

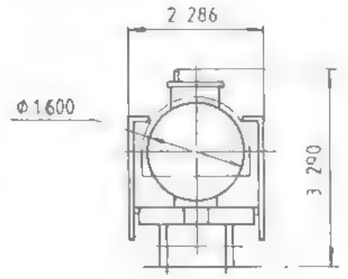
Drawing Number Tekeningnommer	W 001 / A004		
Bogie Type Draaisteltipe	[illegible]		
Bearing Size Laergrootte	[illegible]		
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	16/4		
Brake System Remstelsel	V/P		
Brake Cylinders Remsilinders	(V) 2 / 18	(L)	
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 82,3 / 35,7	(L)	
Drawgear Equipment Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR - SAS		

Centre of Gravity (Empty) Swaartepunt (Leeg)	1 290		Capacity (full) Inhoudsvermoe (vol)	l	30 190	Tare (Average) Tarra (Gemiddeld)	kg	24 [illegible]
			Contents Inhoud			Capacity Inhoudsvermoe	l	Mass Massa kg
			CREOSOTE KREOSOOT			30 190		31 700
Tank Material Tenkmateriaal	SPEC CME 9 SYM 8 SPES SIM							
Tank Lining Tenkvoering								
Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor	80 000							
Originally designed for Oorspronklik ontwerp vir	TAR TEER							
Converted for Omskep vir	CREOSOTE KREOSOOT							
Revision Hersiening								
Date Datum								

XC-11

52





Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

A Dual Power-Automatic
Tweekrag-Outomaties
R Slack Adjuster
Remverstelier

XF-1

V Vacuum
Vakuum
L Air
Lug
D Dual Power - Manually operated
Tweekrag - Handbediening

Remarks
Opmerkings :-

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
34 - 010 009 / 34 - 010 548	1965 - 66

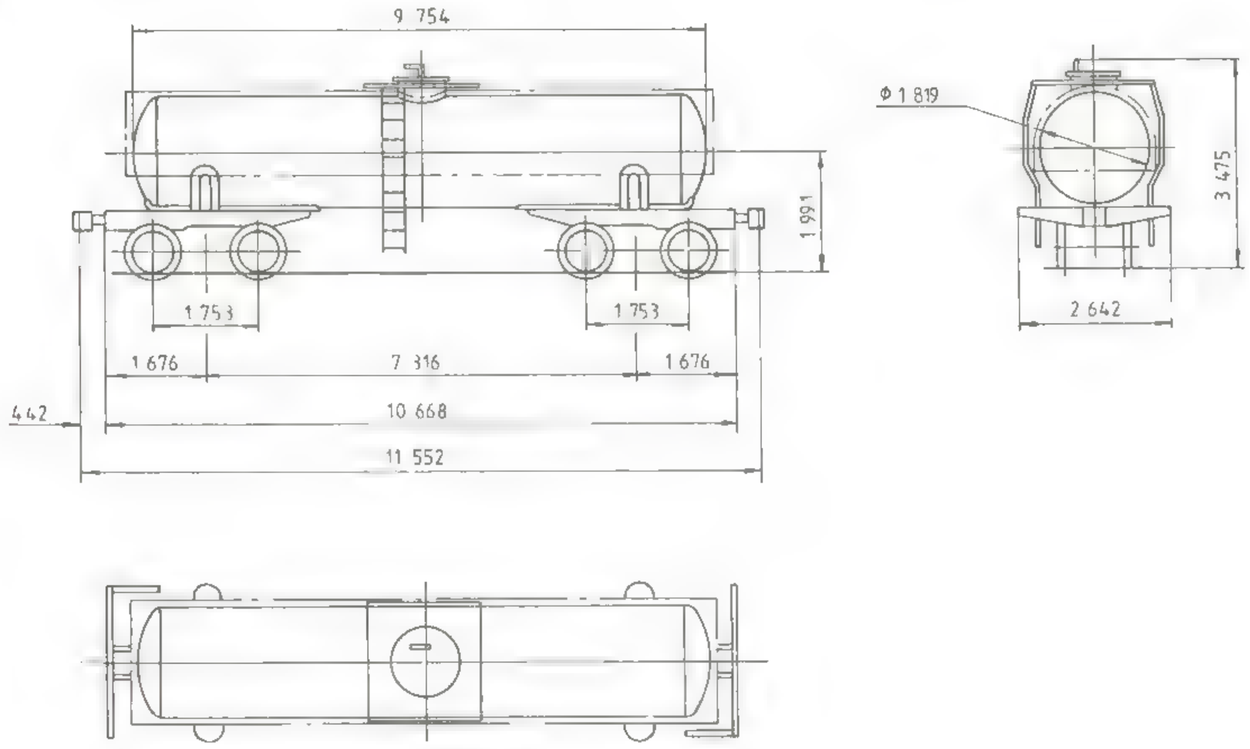
Converted from Omskep van	Date Datum

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number Tekeningnommer	W 1 / 20015		Centre of Gravity (Empty) Swaartepunt (Leeg)	1 076	Capacity (full) l Inhoudsvermoë(vol) l	24 770	Tare (Average) kg Tarra (Gemiddeld)	23 100
Bogie Type Draaisteltipe	SARCAST				Contents Inhoud		Capacity Inhoudsvermoe l	Mass Massa kg
Bearing Size Laergrootte	11 x 5½				PHOSPHORIC ACID FOSFORSUUR		23 440	37 020
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	6 / 6		Tank Material Tenkmateriaal	SPEC. CME 9 SYM. B SPES. SIM.	HYDROCHLORIC ACID CHLOORWATERSTOFSUUR		24 020	37 090
Brake System Remstelsel	V		Tank Lining Tenkvoering	RUBBER	ALUMINIUM SULPHATE SOLUTION ALUMINIUMSULFAATOPLOSSING		24 160	36 910
Brake Cylinders Remsilinders	(V) 2 / 21	(L)	Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor	60 000				
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for Oorspronklik ontwerp vir	PHOSPHORIC ACID FOSFORSUUR				
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 81,9 / 31,5	(L)	Converted for Omskep vir					
Drawgear Equipment Trekwerkuitrusting	AAR M901 E		Revision Herstelling					
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR - SAS		Date Datum					

XF-1

S3



Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
34-011 005 / 34-011 226	1967 68

Remarks
Opmerkings :-

Converted from Omskep van	Date Datum

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12-A99

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulliese kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

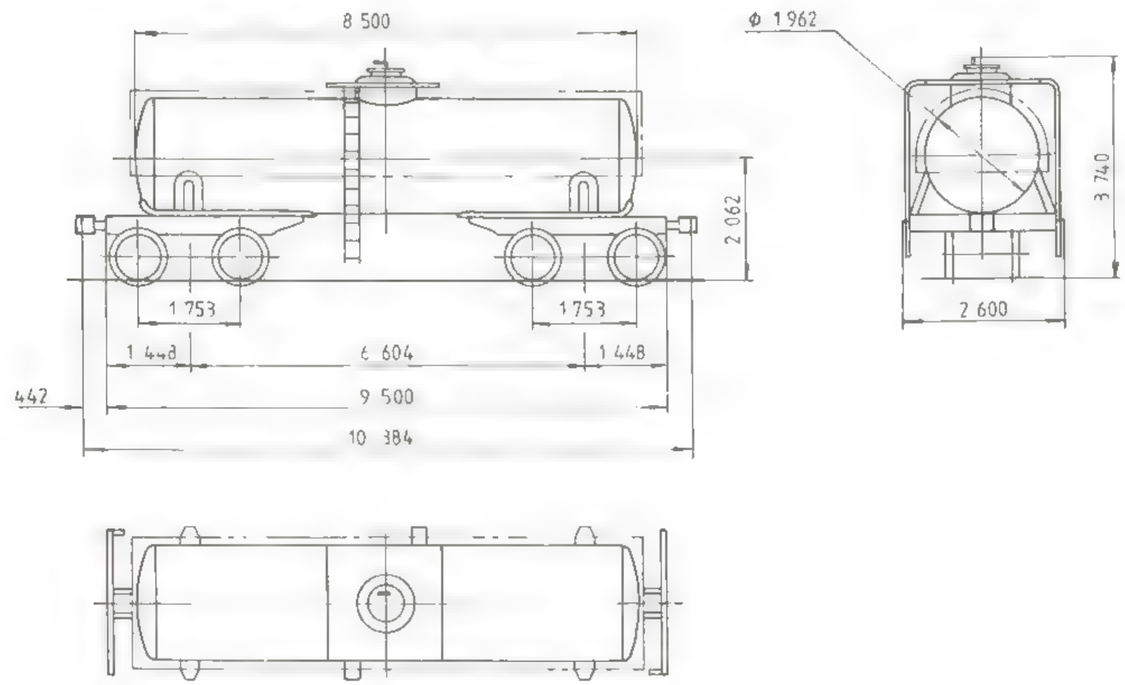
XF-2

Drawing Number / Tekeningnommer	W 1/20049	
Bogie Type / Draaisteltipe	SARCAST	
Bearing Size / Laergrootte	11 x 5 1/2	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	8/8	
Brake System / Remstelsel	V	
Brake Cylinders / Remsilinders	(V) 2/21	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 93,9/33,7	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E	
Coupler / Yoke Koppelaar / Juk	SASKOP-S / SAR-SAS	

Centre of Gravity (Empty) Swaartepunt (Leeg)	1 053				Capacity (full) l Inhoudsvermoë (vol) l	24 400
					Contents Inhoud	
					PHOSPHORIC ACID FOSFORSUUR	
Tank Material Tenkmateriaal	B S 1501-151 GR 28 A				ALUM. SULPHATE SOL. (IRON FREE ALUMIN. UMSULFAATOPLG	
Tank Lining Tenkvoering	RUBBER					
Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor	60 000					
Originally designed for Oorspronklik ontwerp vir	PHOSPHORIC ACID FOSFORSUUR					
Converted for Omskep vir						
Revision Hersiening						
Date Datum						

Tare (Average) kg Tarra (Gemiddeld)	21 080
Capacity l Inhoudsvermoe	Mass kg Massa
23 830	37 630
23 850	37 640

XF-2



Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
34 - 011 234 / 34 - 011 498	1973

Remarks / Opmerkings :

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsituimtes kyk tekening nommer CME 240/12 - A99

Converted from / Omskep van	Date / Datum

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Drawing Number / Tekeningnommer		W 001 / D 018	
Bogie Type / Draaisteltipe		SPOORBARBER	
Bearing Size / Laergrootte		C	
Springs per Bogie / Vere per Draaistel	Outer / Inner / Buite / Binne	10 / 4	
Brake System / Remstelsel		V / R	
Brake Cylinders / Remsilinders		(V) 2 / 18	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp		(V) 65	(L)
Brake Percentage / Rempersentasie	Empty / Loaded / Leeg / Met Vrag	(V) 91,6 / 30,2	(L)
Drawgear Equipment / Trekwerkuitrusting		AAR M 901 E	
Coupler / Yoke / Koppelaar / Juk		SASKOP - S / SAR - SAS	

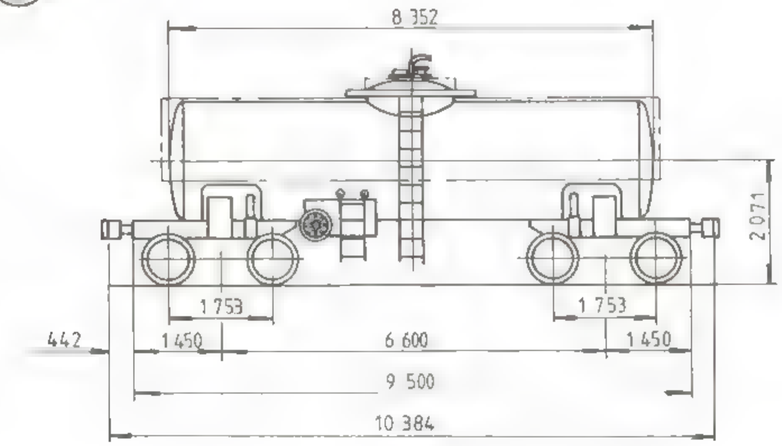
Centre of Gravity (Empty) / Swaartepunt (Leeg)		1 190				
Tank Material / Tenkmateriaal		SPEC CME 9 SYM 8 / SPES SIM				
Tank Lining / Tenkvoering		RUBBER				
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor		60 000				
Originally designed for / Oorspronklik ontwerp vir		PHOSPHORIC ACID / FOSFORSUUR				
Converted for / Omskep vir						
Revision / Hersiening						
Date / Datum						

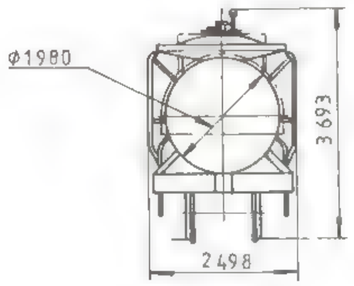
Capacity (full) / Inhoudsvermoe (vol) l	24 750	Tare (Average) kg / Tarra (Gemiddeld)	19 270

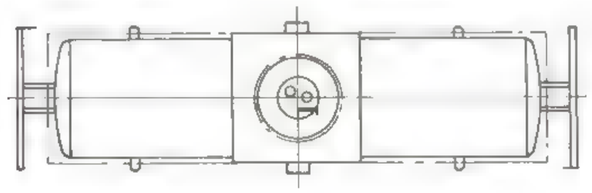
Contents / Inhoud	Capacity / Inhoudsvermoe l	Mass / Massa kg
PHOSPHORIC ACID / FOSFORSUUR	24 750	39 090
HYDROCHLORIC ACID / CHLOORWATERSTOFSUUR	24 750	39 150
ALUMINIUM SULPHATE SOL / ALUMINIUMSULFAATOPLG	24 750	39 190

XF-3

55







Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulliese kussingnrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulliese kussingnrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Remarks / Opmerkings :

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12 - A99

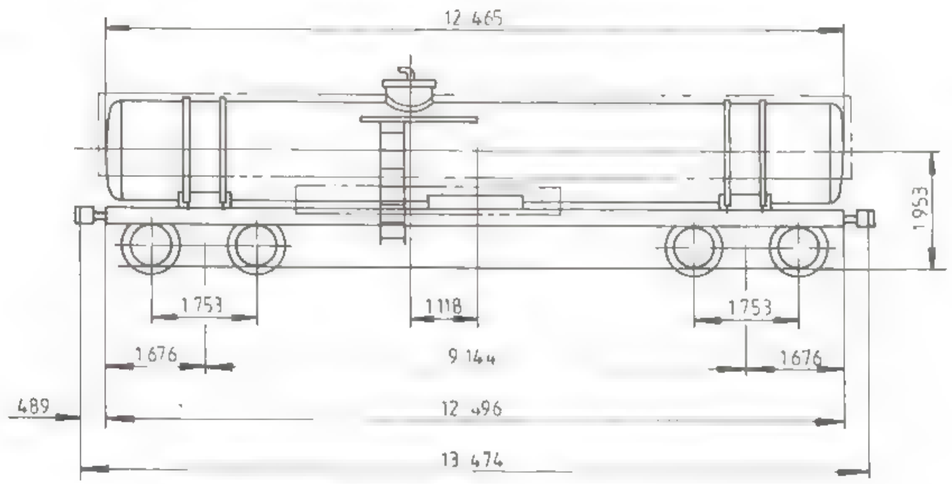
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
34 - 011 501 / 34 - 012 052	1975

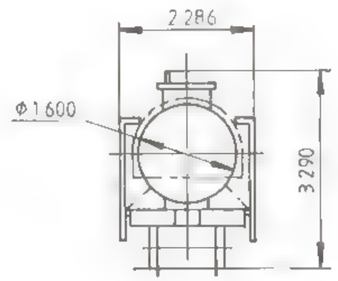
Converted from / Omskep van	Date / Datum

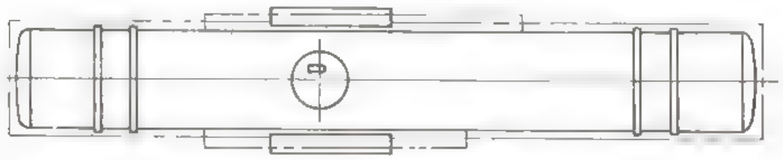
Drawing Number / Tekeningnommer	W 001 / V009		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 136	
Bogie Type / Draaisteltipe	SPOORBARBER				
Bearing Size / Laergrootte	C				
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 4		Tank Material / Tenkmateriaal	BS 1501-151 GR 28 A	
Brake System / Remstelsel	V R		Tank Lining / Tenkvoering	RUBBER	
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	PHOSPHORIC ACID / FOSFORSJUR	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 78,6 / 27,5	(L)	Converted for / Omskep vir		
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		Revision / Hersiening		
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		Date / Datum		

Capacity (full) / Inhoudsvermoe (vol) L	24 660	Tare (Average) kg / Tarra (Gemiddeld)	20 500
Contents / Inhoud		Capacity / Inhoudsvermoe L	Mass / Massa kg
PHOSPHORIC ACID / FOSFORSJUR		24 660	38 940
ALUMINIUM SULPHATE SOLUTION / ALUMUMSULFAATOPLOSSING		24 660	38 860
FERRIC CHLORIDE / FERRICHLORIED		24 660	35 850
MANGANESE SULPHATE / MANGAANSULFAAT		24 660	38 800

XF-4







Remarks
Opmerkings :-

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
34 - 010 009 / 34 - 010 548	1965 – 66

Converted from / Omskep van	Date / Datum
XF - 1	

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power – Manually operated / Tweekrag – Handbediening
A Dua Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

XFJ - 1

Drawing Number / Tekeningnommer	W 1/20015	
Bogie Type / Draaisteltipe	SARCAST	
Bearing Size / Laergrootte	11×5½	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6/6	
Brake System / Remstelsel	V/R	
Brake Cylinders / Remsilinders	(V) 1/21	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 58,9/22,6	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S/SAR-SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 076					
Tank Material / Tenkmateriaal	SPEC CME 9, SPES	SYM B / SIM				
Tank Lining / Tenkvoering	RUBBER					
Design Limit - Mass on Rail kg / Ontwerpimiet - Massa op Spoor	60 000					
Originally designed for / Oorspronklik ontwerp vir	PHOSPHORIC ACID / FOSFORSUUR					
Converted for / Omskep vir						
Revision / Hersiening						
Date / Datum						

Capacity (full) l / Inhoudsvermoë (vol) l	24 770	Tare (Average) kg / Tarra (Gemiddeld) kg	23 100

Contents / Inhoud	Capacity l / Inhoudsvermoe l	Mass kg / Massa kg
PHOSPHORIC ACID / FOSFORSUUR	23 440	37 020
HYDROCHLORIC ACID / CHLOORWATERSTOFSUUR	24 020	37 090
ALUMINIUM SULPHATE SOLUTION / ALUMINIUMSULFAATOPLOSSING	24 160	36 910

XFJ-1

57

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting■

SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting

Brake System - Remstelsel

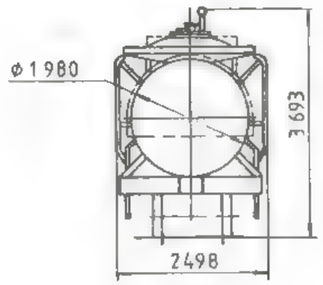
V Vacuum / Vakuum

L Air / Lug

■ Dual Power - Manually operated / Tweekrag - Handbediening

A Dual Power - Automatic / Tweekrag - Outomaties

R Slack Adjuster / Remversteller



Remarks
Opmerkings :-

For actual loads, capacities and ullages see drawing number
Vir werklike vragte,inhoudsvermoens en uitsituimtes kyk tekening nommer CME 240/12 - A99

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
34-011 501 / 34-012 052	1975

Converted from / Omskep van	Date / Datum
XF 4	

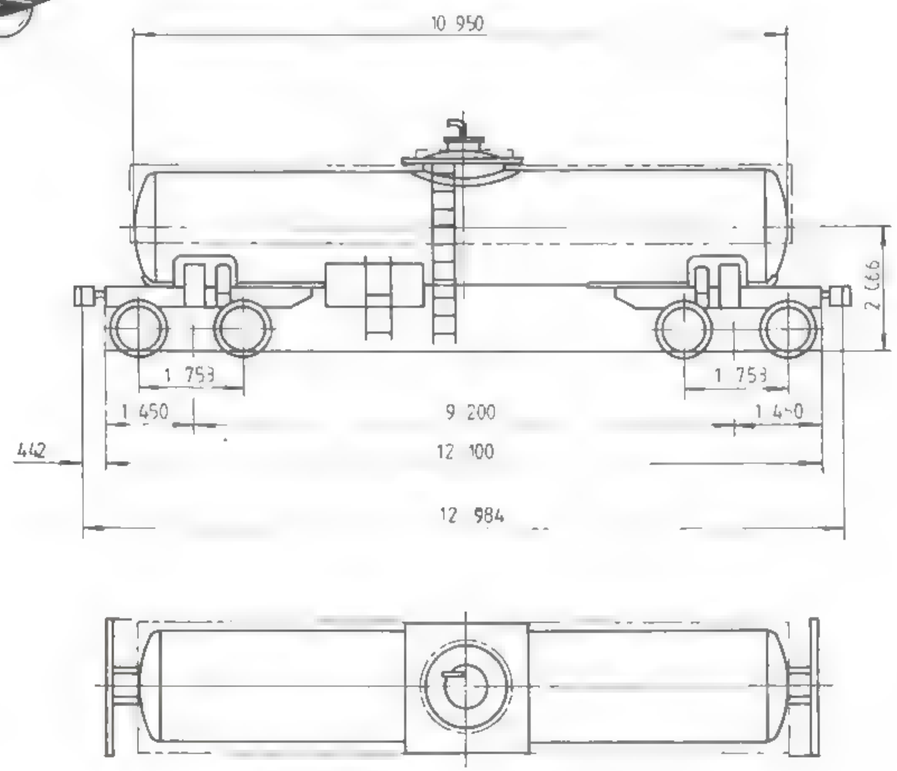
Drawing Number / Tekeningnommer	W 001 / V 009		
Bogie Type / Draaisteltipe	SPOORBARBER		
Bearing Size / Laergrootte	C		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/4		
Brake System / Remstelsel	V/R		
Brake Cylinders / Remsilinders	(V)2/18	(L)	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V)65	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V)79,1 /27,6	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SE / E	/SAR-SAS	

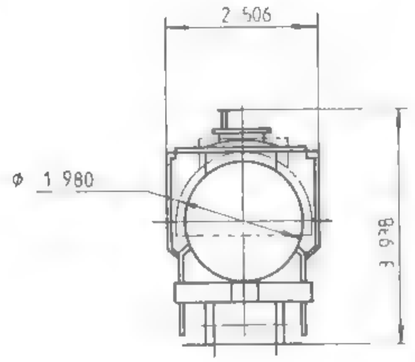
Centre of Gravity (Empty) / Swaartepunt (Leeg)	1136					
Tank Material / Tenkmateriaal	BS 1501-151 GR 28 A					
Tank Lining / Tenkvoering	RUBBER					
Design Limit-Mass on Rail kg / Ontwerplimiet-Massa op Spoor	60 000					
Originally designed for / Oorspronklik ontwerp vir	PHOSPHORIC ACID / FOSFORSUUR					
Converted for / Omskep vir						
Revision / Hersiening						
Date / Datum						

Capacity (full) / Inhoudsvermoe(vol) l	24 660	Tare (Average) / Tarra(Gemiddeld) kg	20 900
Contents / Inhoud		Capacity / Inhoudsvermoe l	Mass / Massa kg
PHOSPHORIC ACID / FOSFORSUUR		24 660	38 940
ALUMINIUM SULPHATE SOLUTION / ALUMINIUMSULFAATOPLOSSING		24 660	38 860
FERRIC CHLORIDE / FERRICHLORIED		24 660	35 850
MANGANESE SULPHATE / MANGAANSULFAAT		24 660	38 800

XFJ - 4

S8





Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
34 - 500 561	1977
34 - 502 106	1977

Remarks
Opmerkings :

Converted from Omskep van	Date Datum
XFD - 5	1983

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoens en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number Tekeningnommer	W 001 / V013		Centre of Gravity (Empty) Swaartepunt (Leeg)	1 090		Capacity (full) Inhoudsvermoe(vol) l	32 620	Tare (Average) kg Tarra(Gemiddeld)	23 090
Bogie Type Draaisteltipe	SPOORBARBER					Contents Inhoud		Capacity Inhoudsvermoe l	Mass kg Massa
Bearing Size Laergrootte	D					MANGANESE SULFATE MANGAANSULFAAT		32 620	56 110 MAX MAKS
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	10 / 10		Tank Material Tenkmateriaal	BS 1501 - 151 GR 28 A					
Brake System Remstelsel	V / R		Tank Lining Tenkvoering	RUBBER					
Brake Cylinders Remsilinders	(V) 1 / 21	(L)	Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor	74 000					
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for Oorspronklik ontwerp vir	PHOSPHORIC ACID FOSFORSUUR					
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 77,9 / 22,9	(L)	Converted for Omskep vir						
Drawgear Equipment Trekwerkuitrusting	AAR M901 E		Revision Hersiening						
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR - SAS		Date Datum						

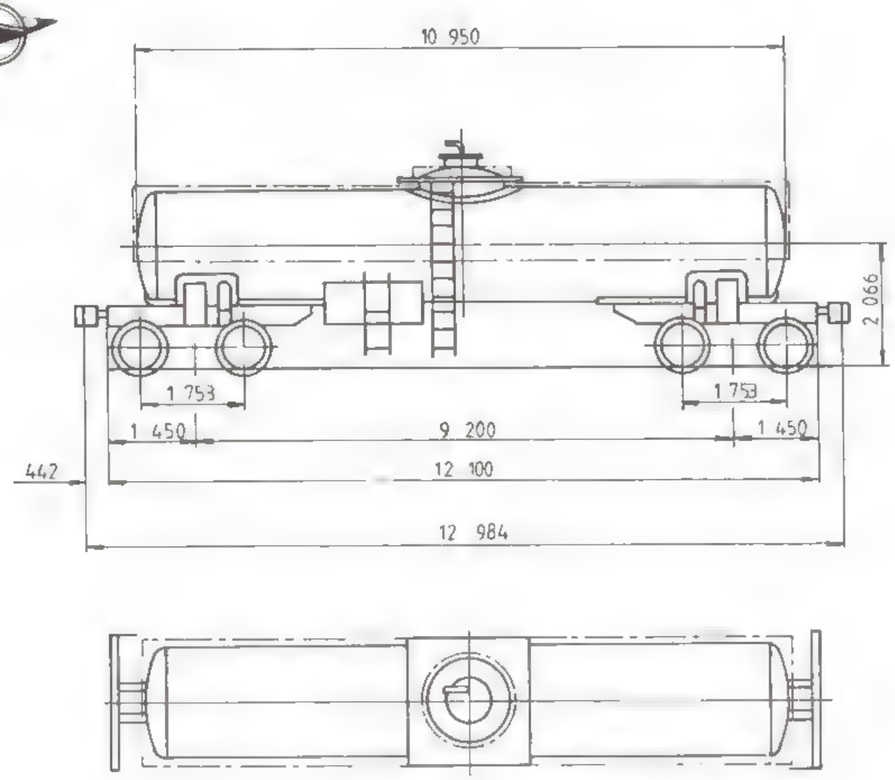
XFJ - 5

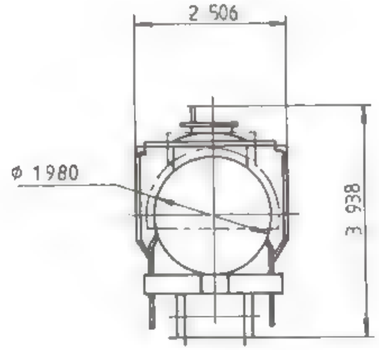
Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
A Dual Power - Automatic
Tweekrag - Outomaties
R Slack Adjuster
Remversteller
V Vacuum
Vakuum
L Air
Lug
D Dual Power - Manually operated
Tweekrag - Handbediening

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussinginrigting

Brake System - Remsteisel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
34-600 000 / 34-601 600	1977

Remarks / Opmerkings :

Converted from / Omskep van	Date / Datum
XFD - 5	1983

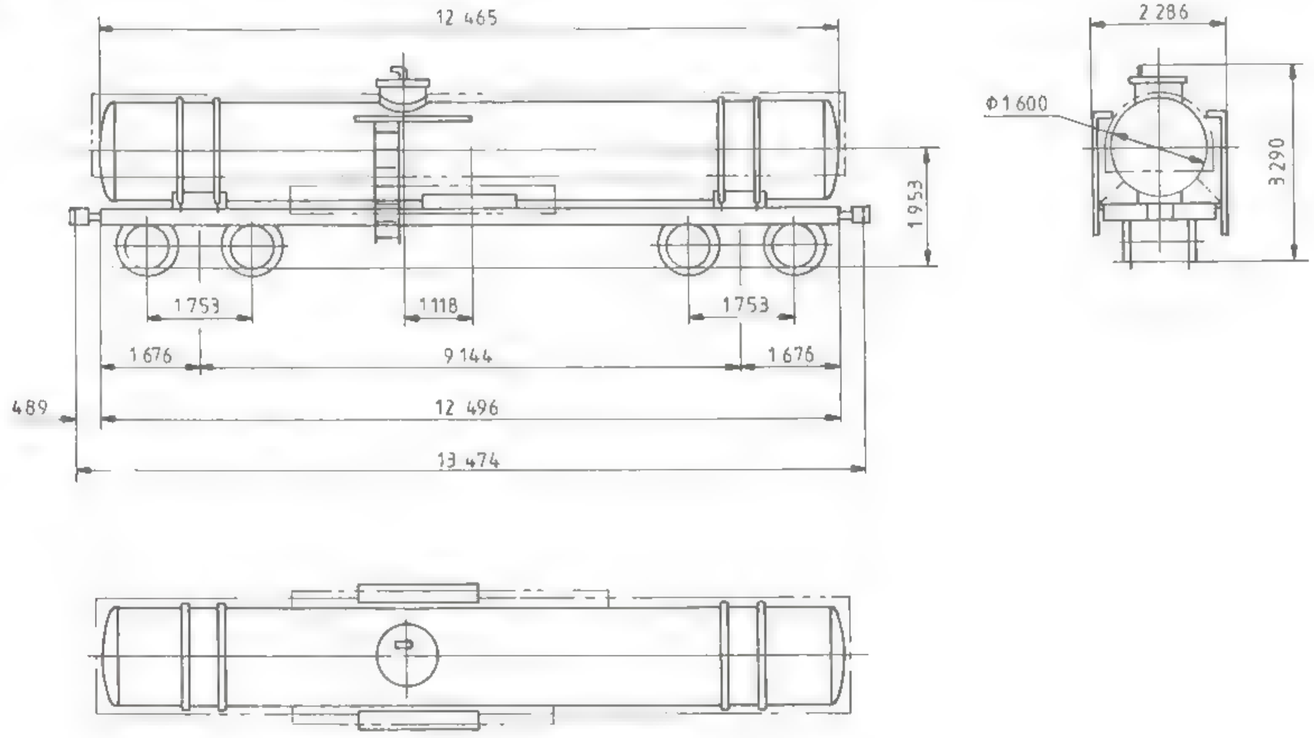
For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W 001 / V013		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 [illegible]		Capacity (full) / Inhoudsvermoe(vol)	32 610	Tare (Average) / Tarra(Gemiddeld) kg	22 [illegible]0
Bogie Type / Draaisteltipe	HS MK VII					Contents / Inhoud		Capacity / Inhoudsvermoe	Mass / Massa kg
Bearing Size / Laergrootte	[illegible]					PHOSPHORIC ACID / FOSFORSUUR		32 610	[illegible] MAX / MAKS
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 10		Tank Material / Tenkmateriaal	B S 1501 - 151 GR 28 A					
Brake System / Remsteisel	[illegible] H		Tank Lining / Tenkvoering	RUBBER					
Brake Cylinders / Remsilinders	(V)	(L) 1/10 x 12	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000					
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V)	(L) 32	Originally designed for / Oorspronklik ontwerp vir	PHOSPHORIC ACID / FOSFORSUUR					
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V)	(L) 65,2 / 20,2	Converted for / Omskep vir						
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening						
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		Date / Datum						

XFL-5

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power – Manually operated / Tweekrag – Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller



Remarks
Opmerkings

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12-A99

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
34 - 010 009 / 34 - 010 548	1965 - 66

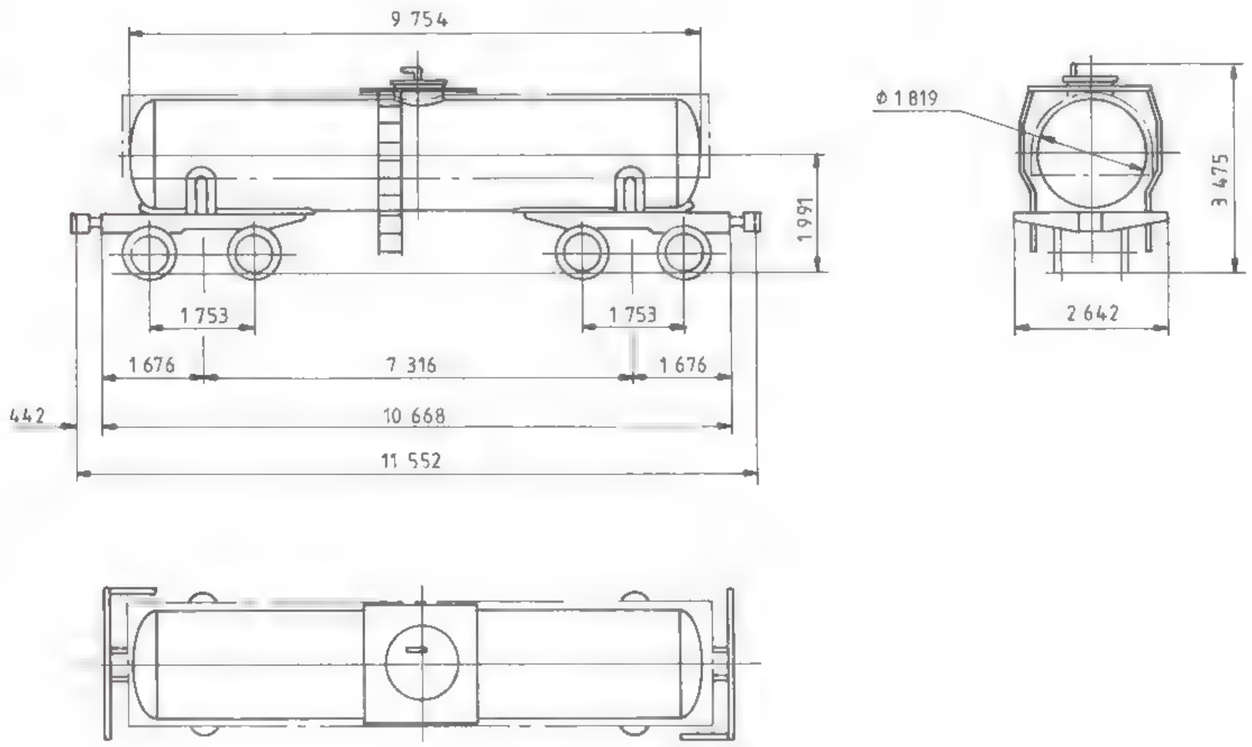
Converted from / Omskep van	Date / Datum
XF-1, XFJ-1	

Drawing Number / Tekeningnommer	W 1/20015		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 076	Capacity (full) / Inhoudsvermoë (vol) l	24 770	Tare (Average) / Tarra (Gemiddeld) kg	22 910	
Bogie Type / Draaisteltipe	SPOORBARBER				Contents / Inhoud		Capacity / Inhoudsvermoe l	Mass / Massa kg	
Bearing Size / Laergrootte	C				PHOSPHORIC ACID / FOSFORSUUR		23 440	40 330 MAX / MAK	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/6		Tank Material / Tenkmateriaal	SPEC. CME 9 SPES. SYM. SIM B.	HYDROCHLORIC ACID / CHLOORWATERSTOFSUUR		24 020	41 560 MAX / MAKS	
Brake System / Remstelsel	V/R		Tank Lining / Tenkvoering	RUBBER	ALUMINIUM SULPHATE SOLUTION / ALUMINIUMSULFAATOPLOSSING		24 160	41 560 MAX / MAK	
Brake Cylinders / Remsilinders	(V) 1/21	(L) 1/10×12	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000					
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) 32	Originally designed for / Oorspronklik ontwerp vir	PHOSPHORIC ACID / FOSFORSUUR					
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 59,6/21,45	(L) 57,3/20,65	Converted for / Omskep vir						
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening						
Coupler / Yoke / Koppelaar / Juk	SASKOP – S / SAR SAS		Date / Datum						

XFLJ-1

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller



Remarks
Opmerkings :-

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoens en uitsituimtes kyk tekening nommer CME 240/12-A99

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
34-011 005 / 34-011 226	1967-68

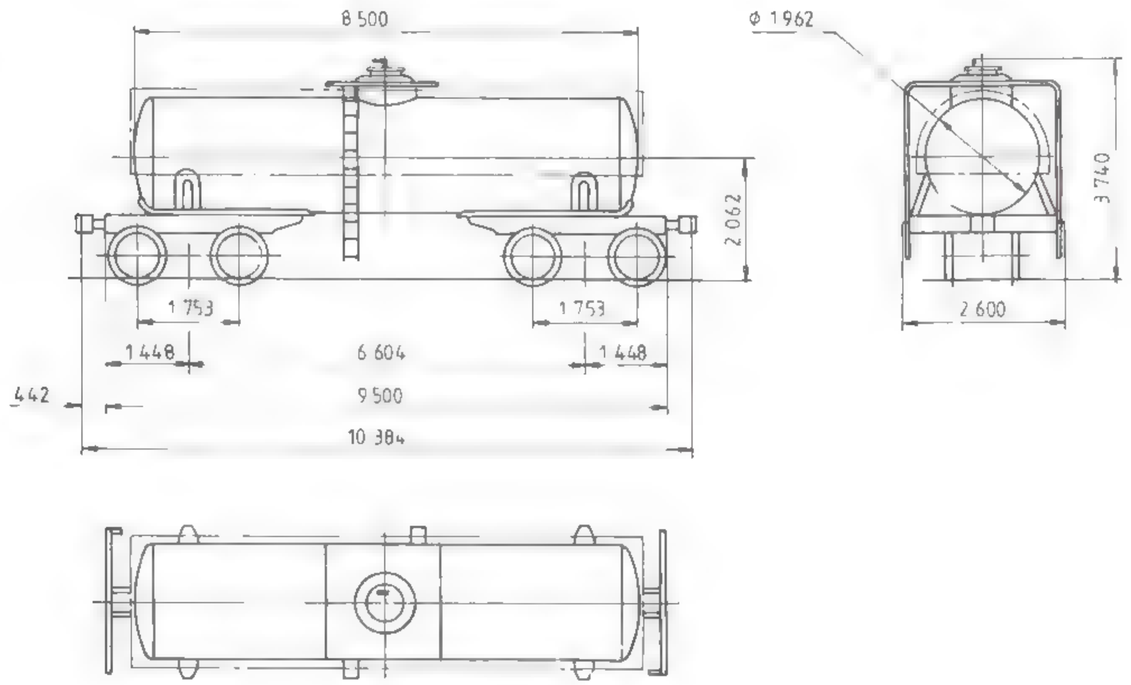
Converted from / Omskep van	Date / Datum
XF-2	

Drawing Number / Tekeningnommer	W 1/20049		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 053	Capacity (full) / Inhoudsvermoë (vol) L	24 400	Tare (Average) / Tarra (Gemiddeld) kg		
Bogie Type / Draaisteltipe	SPOORBARBER				Contents / Inhoud		Capacity / Inhoudsvermoë L	Mass / Massa kg	
Bearing Size / Laergrootte	C				PHOSPHORIC ACID / FOSFORSUUR		23 830	40 52[illegible]	MAX / MAKS
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/4		Tank Material / Tenkmateriaal	BS 1501-151 GR 28 A	ALUM. SULPHATE SOL. (IRON FREE) / ALUMINIUMSULFAATOPLG		23 850	40 670	MAX / MAKS
Brake System / Remstelsel	V/R		Tank Lining / Tenkvoering	RUBBER					
Brake Cylinders / Remsilinders	(V) 1/21	(L) 1/10 x 12	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000					
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) 32	Originally designed for / Oorspronklik ontwerp vir	PHOSPHORIC ACID / FOSFORSUUR					
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 66,1 / 22,4	(L) 60,7 / 20,6	Converted for / Omskep vir						
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening						
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR-SAS		Date / Datum						

XFLJ-2

Drawgear Equipment — Trekwerkuitrusting
KK Coupler hydraulic cushioning device — Koppelaar hidroulliese kussinginrigting
SSC Centre sill hydraulic cushioning device — Middelbalk hidroulliese kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic — Tweekrag - Outomaties
R Slack Adjuster — Remversteller
V Vacuum — Vakuum
L Air — Lug
D Dual Power - Manually operated — Tweekrag - Handbediening



Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
34 - 011 234 / 34 - 011 498	1973

Remarks / Opmerkings :

Converted from / Omskep van	Date / Datum
XF - 3	

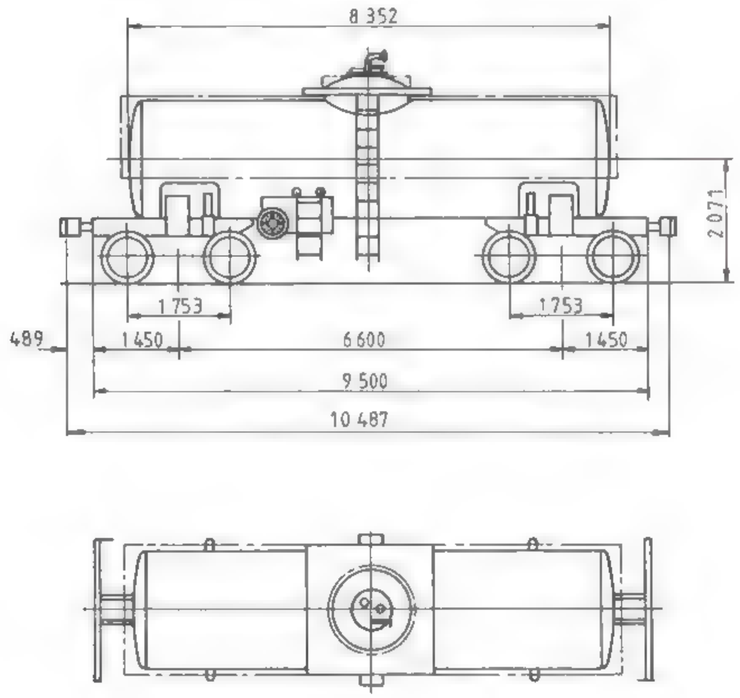
For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12 - A99

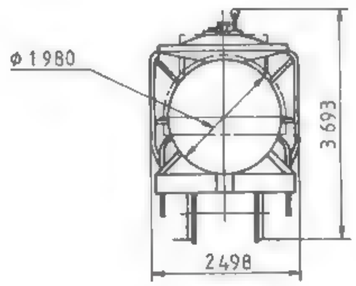
Drawing Number / Tekeningnommer	W. 001 / D 018		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1190	Capacity (full) / Inhoudsvermoë (vol) L	24 750	Tare (Average) / Tarra (Gemiddeld) kg	
Bogie Type / Draaisteltipe	SPOORBARBER				Contents / Inhoud		Capacity / Inhoudsvermoe L	Mass / Massa kg
Bearing Size / Laergrootte	C				PHOSPHORIC ACID / FOSFORSUUR		24 750	42 530 MAX / MAKS
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 4		Tank Material / Tenkmateriaal	SPEC CME 9 SYM B / SPES	HYDROCHLORIC ACID / CHLOORWATERSTOFSUUR		24 750	42 650 MAX / MAKS
Brake System / Remstelsel	V / R		Tank Lining / Tenkvoering	RUBBER	ALUMINUM SULPHATE SOL / ALUMINIUMSULFAATOPLG		24 750	42 550 MAX / MAKS
Brake Cylinders / Remsilinders	(V) 1×21	(L) 1/10×12	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000				
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) 32	Originally designed for / Oorspronklik ontwerp vir	PHOSPHORIC ACID / FOSFORSUUR				
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 70,0 / 21,8	(L) 66,5/20,7	Converted for / Omskep vir					
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening					
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAS - SAS		Date / Datum					

XFLJ-3

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbedrening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
34-011 501 / 34-012 052	1975

Remarks / Opmerkings :-

Converted from / Omskep van	Date / Datum
XF-4, XFJ-4	

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12-A99

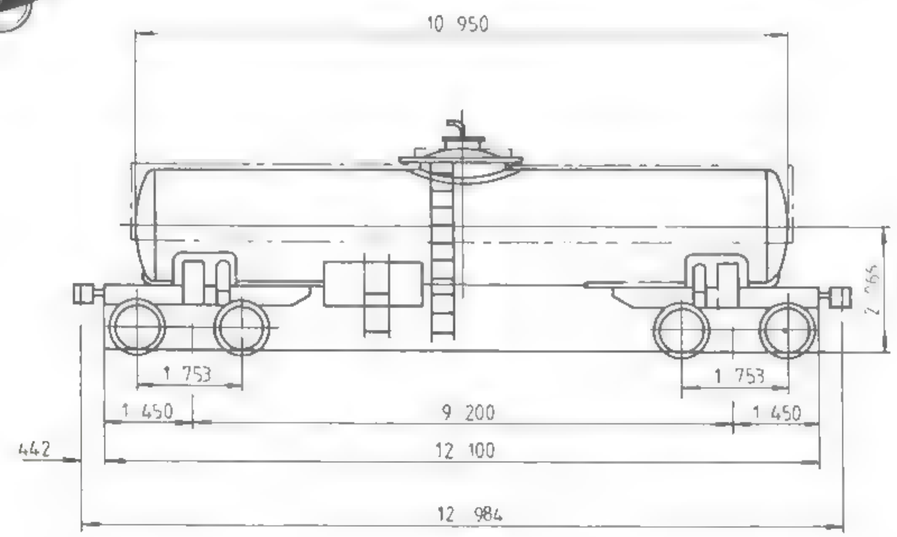
Drawing Number / Tekeningnommer	W 001/V009		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 136	Capacity (full) / Inhoudsvermoe (vol) L	24 660	Tare (Average) / Tarra (Gemiddeld) kg	21 680	
Bogie Type / Draaisteltipe	SPOORBARBER				Contents / Inhoud		Capacity / Inhoudsvermoë L	Mass / Massa kg	
Bearing Size / Laergrootte	C				PHOSPHORIC ACID / FOSFORSUUR		24 660	42 420	MAX / MAKS
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 6		Tank Material / Tenkmateriaal	BS 1501-151 GR 28 A	ALUM SULPHATE SOLUTION / ALUMINIUMSULFAATOPLOSSING		24 660	42 360	MAX / MAKS
Brake System / Remstelsel	V / R		Tank Lining / Tenkvoering	RUBBER	FERRIC CHLORIDE / FERRICHLORIED		24 660	42 160	MAX / MAKS
Brake Cylinders / Remsilinders	(V) 1/21	(L) 1/10 x 12	Design Limit-Mass on Rail kg / Ontwerplimiet-Massa op Spoor	60 000	MANGANESE SULPHATE / MANGAANSULFAAT		24 660	42 260	MAX / MAKS
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) 32	Originally designed for / Oorspronklik ontwerp vir	PHOSPHORIC ACID / FOSFORSJUR					
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 64,6/21,3	(L) 61,3/20,2	Converted for / Omskep vir						
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		Revision / Hersiening						
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR-SAS		Date / Datum						

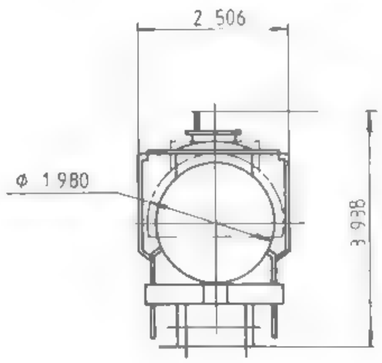
XFLJ-4

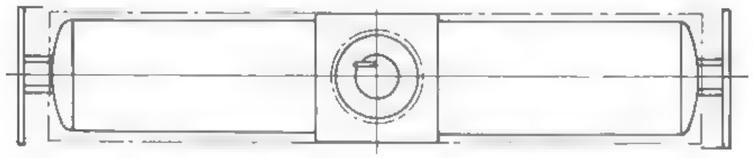
Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Vacuum / Vakuum
Air / Lug
Dual Power - Manually operated / Tweekrag - Handbediening







Remarks
Opmerkings :-

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
34 - 503 005 / 34 - 503 552	1976 / 77

Converted from / Omskep van	Date / Datum
XFD 5	1982

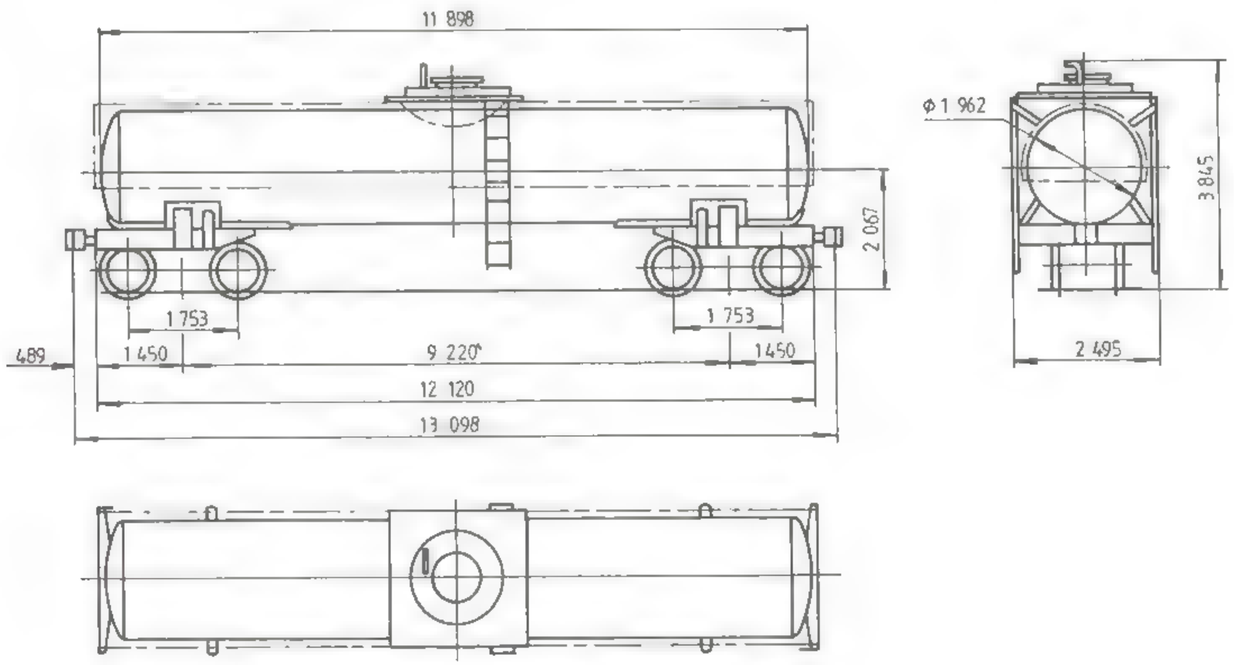
Drawing Number / Tekeningnommer	W 001 / V013		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 090	Capacity (full) / Inhoudsvermoë (vol) L	32 610	Tare (Average) / Tarra (Gemiddeld) kg	23 370
Bogie Type / Draaisteltipe	H S MK VII				Contents / Inhoud		Capacity / Inhoudsvermoe L	Mass / Massa kg
Bearing Size / Laergrootte	D				PHOSPHORIC ACID / FOSFORSUUR		32 610	56060 MAX / MAKS
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 10		Tank Material / Tenkmateriaal	B S 1501 151 GR 28 A	CALCIUM CHLORIDE SOL / KALSIUMCHLORIEDOPL		32 610	56 120 MAX / MAKS
Brake System / Remstelsel	V / L / R		Tank Lining / Tenkvoering	RUBBER				
Brake Cylinders / Remsilinders	(V) 1 / 21	(L) 1/10 x 12	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000				
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) 32	Originally designed for / Oorspronklik ontwerp vir	PHOSPHORIC ACID / FOSFORSUUR				
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 77,9 / 22,9	(L) 79,4 / 21,8	Converted for / Omskep vir					
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening					
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		Date / Datum					

XFLJ - 5

65

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller



Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
34 - 504 001 / 34 - 505 083	1982 / 84

Remarks / Opmerkings :

Converted from / Omskep van	Date / Datum

For actual loads, capacities and ullages see drawing number / Vir werklike vragte inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

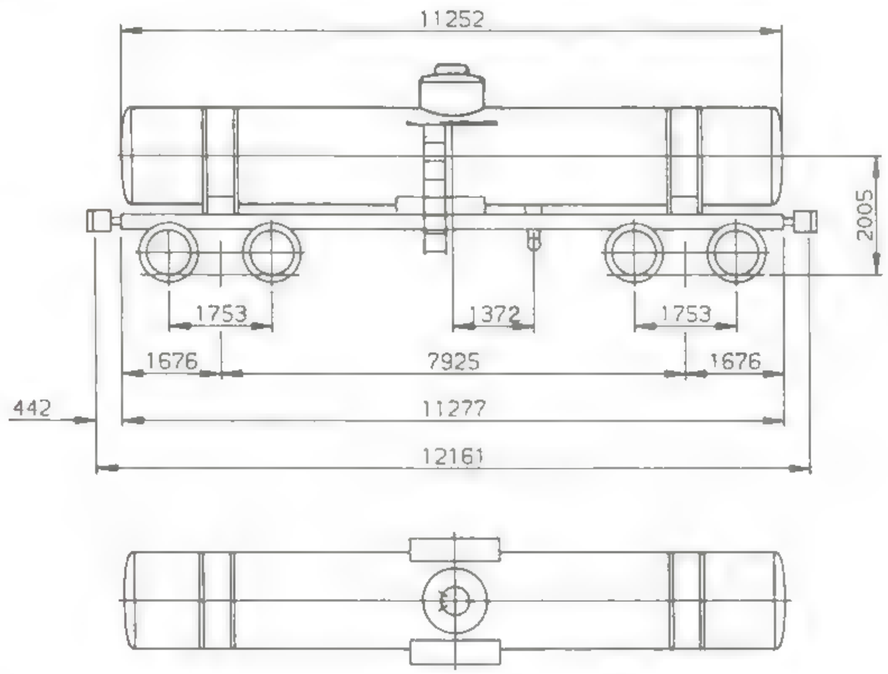
Drawing Number / Tekeningnommer	W 001 / F 036		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 241		Capacity (full) / Inhoudsvermoe(vol)	34 780	Tare (Average) / Tarra(Gemiddeld) kg	21 [illegible]
Bogie Type / Draaisteltipe	HS MK VII					Contents / Inhoud		Capacity / Inhoudsvermoe	Mass / Massa kg
Bearing Size / Laergrootte	D					PHOSPHORIC ACID / FOSFORSUUR		34 780	55 910 MAX / MAK
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 10		Tank Material / Tenkmateriaal	SPEC / SPES CME 9	SYM / SIM 8				
Brake System / Remstelsel	V/L/R		Tank Lining / Tenkvoering	RUBBER					
Brake Cylinders / Remsilinders	(V) 2 / 18	(L) 1 / 10 x 12	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	80 000					
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) 32	Originally designed for / Oorspronklik ontwerp vir	PHOSPHORIC ACID / FOSFORSUUR					
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 66,3 / 21 6	(L) 60 / 19 5	Converted for / Omskep vir						
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		Revision / Hersiening						
Coupler / Yoke / Koppelaar / Juk	SE / E		Date / Datum						

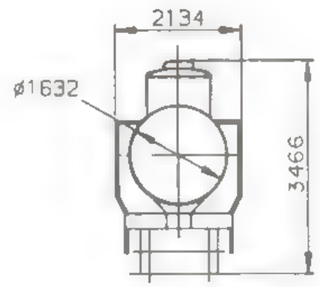
XFLJ-6

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidroulliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidroulliese kussinginrigting





Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
41-010 000 / 41-010 795	1935-1952

Converted from Omskep van	Date Datum
X-16	1988

Remarks
Opmerkings 1-

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12-A99

Brake System - Remstelsel

A Dual Power - Automatic
Tweekrag - Outomaties
Slack Adjuster
R Remversteller

V Vacuum
Vakuum
Air
L Lug
D Dual Power - Manually operated
Tweekrag - Handbediening

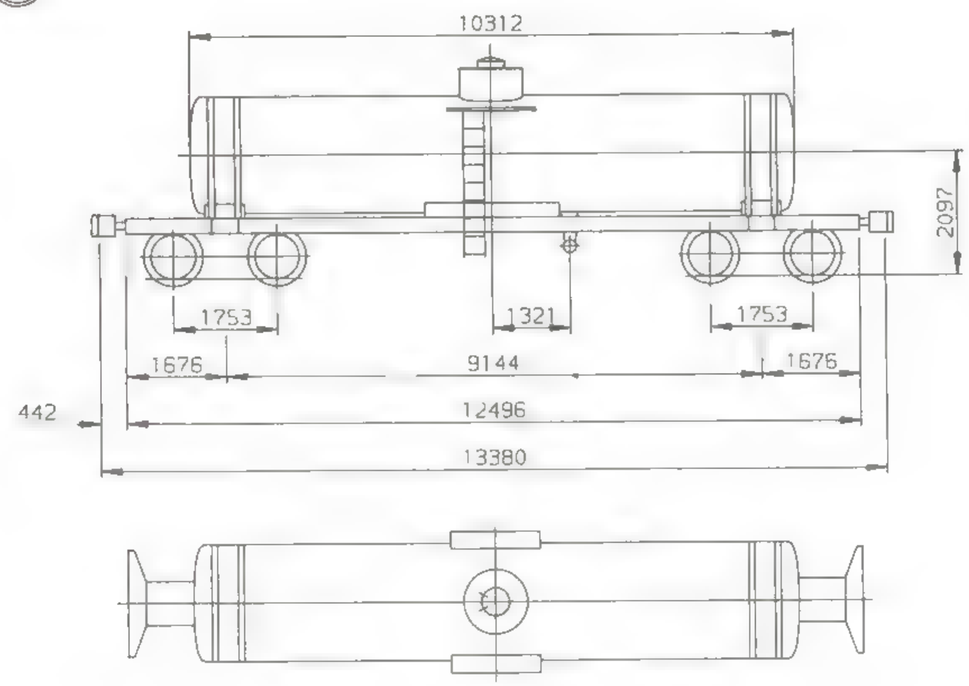
Drawing Number Tekeningnommer		W.1/9382	W.1/9842	W.1/10927
Bogie Type Draaisteltipe		DIAM FRAME RUITRAAM	CANCAR	SARCAST
Bearing Size Laergrootte		11x5½	10x5	11x5½
Springs per Bogie Vere per Draaistel	Outer / Inner Buite / Binne	4 ELLIP	8/0	6/6
Brake System Remstelsel		V		
Brake Cylinders Remsilinders		(V) 1/21	(L)	
Train Pipe/Treinpyp Brake Pipe/Rempyp		(V) 65(50)	(L)	
Brake Percentage Rempersentasie	Empty/Loaded Leeg/Met Vrag	(V) 84,1/37,1	(L)	
Drawgear Equipment Trekwerkuitrusting		AAR M901 E		
Coupler/Yoke Koppelaar/Juk		SASKOP-S / SAR-SAS		

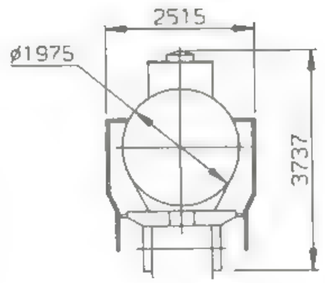
Centre of Gravity (Empty) Swaartepunt (Leeg)			Capacity (Full) Inhoudsvermoë (vol) L	23 010	Tare (Average) Tarra (Gemiddeld) kg	18 180
			Contents Inhoud		Capacity Inhoudsvermoë L	Mass Massa kg
			WATER		23 010	23 010
Tank Material Tenkmateriaal	SPEC SPES CME 9 SYM SIM 8					
Tank Lining Tenkvoering						
Design Limit-Mass on Rail kg Ontwerplimiet-Massa op Spoor						
Originally designed for Oorspronklik ontwerp vir	WATER TREACLE OIL STROOPOLIE					
Converted for Omskep vir			XH-1			
Revision Hersiening						
Date Datum						

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushion ng device / Middelbalk hidrouliese kussinginrigting





	Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
*1	41-016 041,41-016 076	953-55
	41-016 327/41-016 394	1954 55
	41-016 467	1954
	4 0 6 505/41-016 548	1954-55
	41-016 726	1955
	41-016 769/41-016 858	1954-55
	41-017 005/41-017 080	1955
	41 0 7 102,41-017 137	1954-55
*2	4 -016 009,41-016 416	938
	41-0 6 866/41-016 882	1938
*3	41-0 6 017/41-016 033	1953
	41-016 106,41-016 300	1953
	41-0 6 424/41-016 459	1953
	41-0 6 556/41-016 580	1953
	41-016 718	953
	4 -016 734,41-016 742	953
	41-016 890/41-016 912	1953
	41 016 971/41-016 998	1953
	41-017 099/41-017 110	1953
	41-017 153	1953
*4	4 -016 068	1957
	41-016 084/41-016 297	1956-57
	4 -016 319	1957
	4 0 6 475/41-016 491	956-57
	4-0 6 556/41-016 696	953-57
	4 -016 750,41-016 831	1956
	41-016 920/41-016 963	1957
	41-017 129,41-017 145	956 57
	41-017 161	956

Remarks / Opmerkings

Converted from / Omskep van	Date / Datum
*2 *3 X 7	988 89
*1 X 8	1988-89
*4 X-20	1988-89

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12-A99

Brake System - Remstelsel

A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

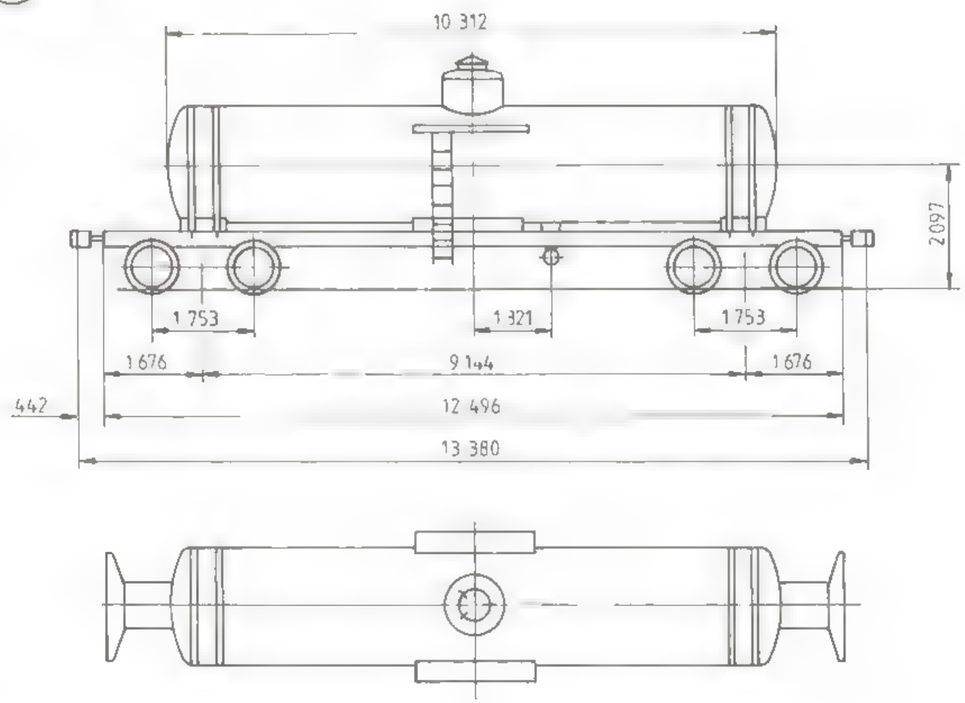
Drawing Number / Tekeningnommer		*1 W1/10982	*2 W1/972	*3 *4 W1/10918	
Bogie Type / Draaistelttipe		SARCAST *1 *3 *4 *2		DIAMONDFRAME RUITRAAM	
Bearing Size / Laergrootte		11x5 1/2			
Springs per Bogie / Vere per Draaistel	Outer / Inner / Buite / Binne	*1 6/6	*2 4ELLP	*3 *4 6/0	
Brake System / Remstelsel		V/R			
Brake Cylinders / Remsilinders		(V) 2/15		(L)	
Train Pipe/Treinpyp / Brake Pipe/Rempyp		(V) 65(50)		(L)	
Brake Percentage / Rempersentasie	Empty/Loaded / Leeg/Met Vrag	(V) *1 *3 *4 84,8/33,1	*2 81,1/31,7	(L)	
Drawgear Equipment / Trekwerkuitrusting		AAR M901 E			
Coupler/Yoke / Koppelaar/Juk		SASKOP-S / SAR-SAS			

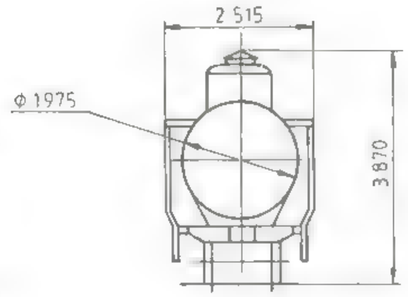
Centre of Gravity (Empty) / Swaartepunt (Leeg)					
Tank Material / Tenkmateriaal	SPEC / SPES CME 9 SYM / SIM A				
Tank Lining / Tenkvoering					
Design Limit-Mass on Rail / Ontwerplimiet-Massa op Spoor kg					
Originally designed for / Oorspronklik ontwerp vir	WATER	TREACLE OIL / STROOP OLIE			
Converted for / Omskep vir					
Revision / Herstening					
Date / Datum					

Capacity (full) / Inhoudsvermoë (vol)	Tare (Average) / Tarra (Gemiddeld) kg	19 820
Contents / Inhoud	Capacity / Inhoudsvermoë	Mass / Massa kg
WATER	30 920	3 920

XH-2

Drawgear Equipment · Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingnrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingnrigting





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
✳1 30 020 018 / 30-023 130	1954 - 56
✳2 30 023 149, 30-023 157	1938
✳3 30 023 165 / 30-023 211	1953
✳3 30 - 023 254 / 30-023 270	1953
✳4 30 - 023 238 / 30-023 246	1956-57
✳4 30 - 023 289 / 30-023 297	1957

Remarks
Opmerkings

Converted from / Omskep van	Date / Datum
✳2 ✳3 X-17	1986 - 88
✳1 X-18	1987 -
✳4 X 20	1987 - 88

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12-A99

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller

Drawing Number / Tekeningnommer	✳1 W1/10982	✳2 W1/9721	✳3,✳4 W1/10918
Bogie Type / Draaisteltipe	✳1 ✳3,✳4 SARCAST	✳2 DIAMOND FRAME RJITRAAM	
Bearing Size / Laergrootte	11×5 1/2		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	✳1 6/6	✳2 4 ELLIP	✳3,✳4 6/0
Brake System / Remstelsel	V/R		
Brake Cylinders / Remsilinders	(V) 2/15	(L)	
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50)	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 78,4 / 30,1	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR/SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)						
Tank Material / Tenkmateriaal	SPEC. CME 9, SYM. 8 / SPES SIM					
Tank Lining / Tenkvoering						
Design Limit-Mass on Rail kg / Ontwerplimiet-Massa op Spoor						
Originally designed for / Oorspronklik ontwerp vir	WATER TREACLE OIL / STROOP OLIE					
Converted for / Omskep vir						
Revision / Hersiening						
Date / Datum						

Capacity (full) / Inhoudsvermoe (vol) ℓ	30 890	Tare (Average) / Tarra (Gemiddeld) kg	19 500
Contents / Inhoud		Capacity / Inhoudsvermoe ℓ	Mass / Massa kg
WATER		30 890	30 890
OIL / OLIE		30 890	29 350
DIESEL OIL / DIESELOLIE		30 700	30 900
LIQUID FERTILISER / VLOEIBARE KUNSM S		30 890	43 220

XJ-18

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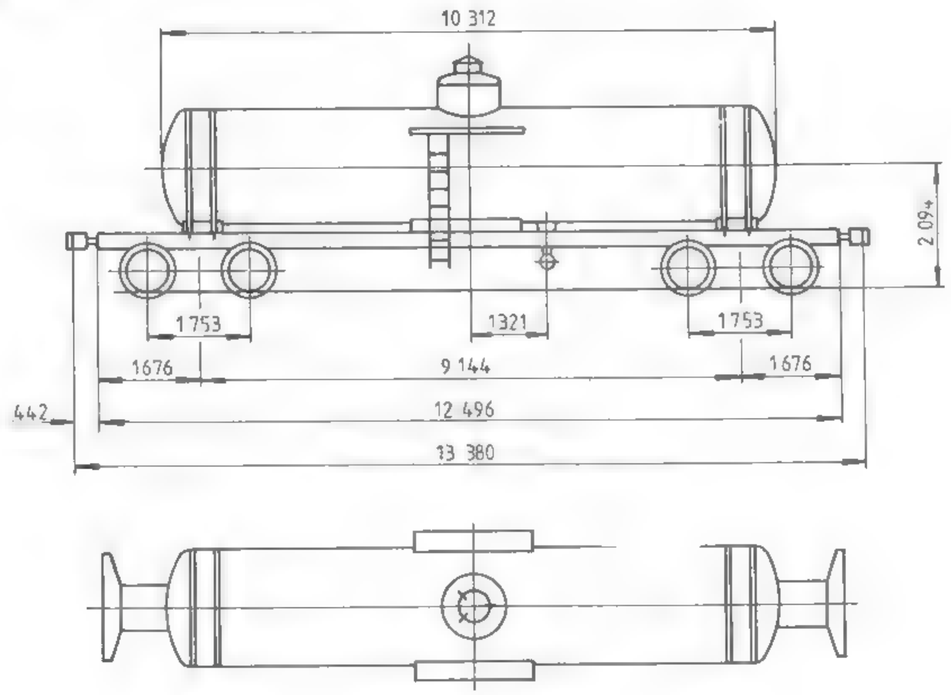
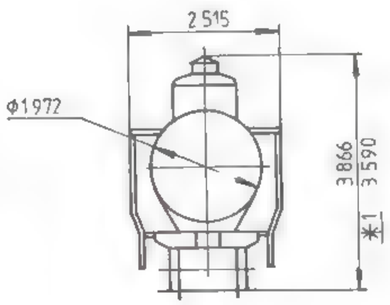




Vehicle Numbers / Voertuignommers		Placed in Service / In Gebruik Geneem
	30-027 004 / 30-031 281	1958 - 61
*1	30-031 370 / 30-031 672	1960 - 68
*2	30-031 710 / 30-031 745	1959
*3	30-031 303	1960

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

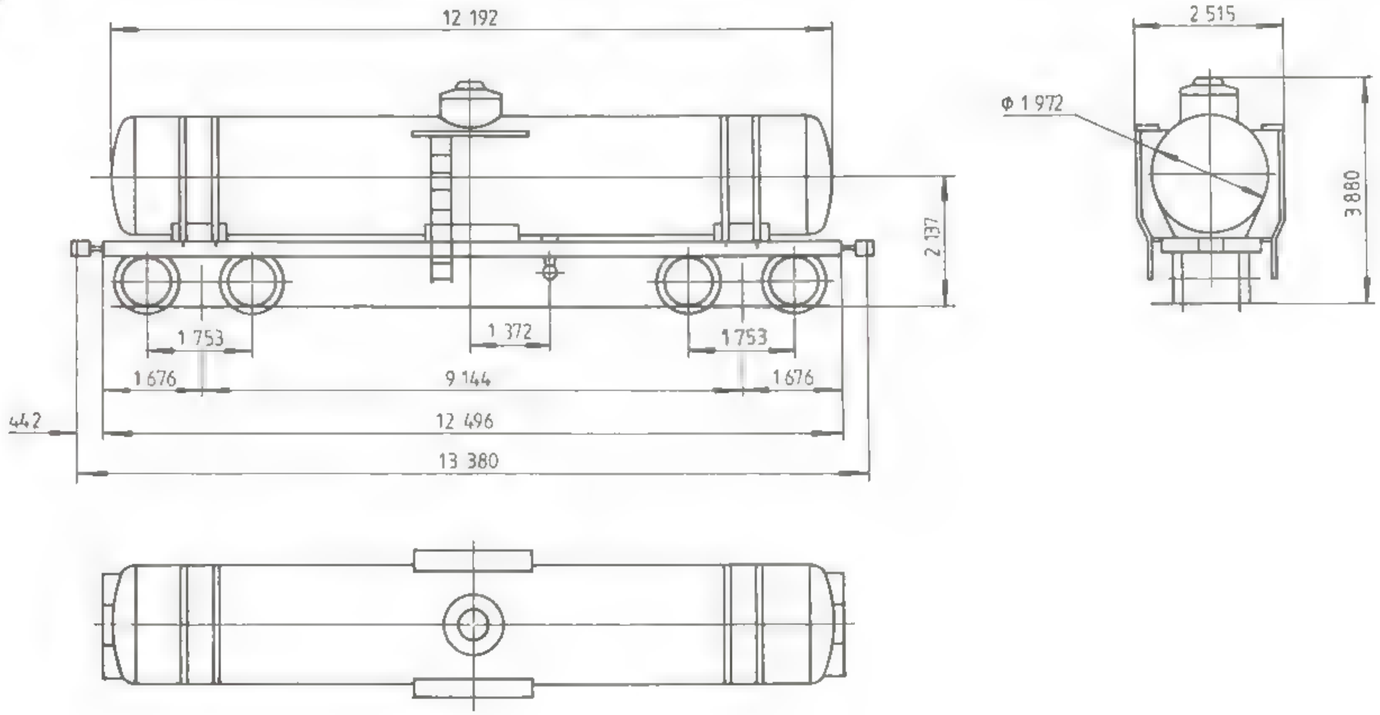
Remarks / Opmerkings *1 Dome to drg / Helm volgens tek No. CME 3249 / 12 - 000
Discharge to drg / Uitlaat volgens tek No. CME 105/12 - C92

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsituimtes kyk tekening nommer CME 240/12 - A99

Converted from / Omskep van	Date / Datum
X-21 (ex *2 XC-5, *1 XS-5, *3 XW-4)	1973-87

Drawing Number / Tekeningnommer	CME 115/12-A21		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1051		Capacity (full) / Inhoudsvermoe (vol)	30 910	Tare (Average) kg / Tarra (Gemiddeld)	19 730
Bogie Type / Draaisteltipe	SARCAST					Contents / Inhoud		Capacity / Inhoudsvermoe	Mass kg / Massa
Bearing Size / Laergrootte	11×5 1/2					WATER		30 910	30 910
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6/6		Tank Material / Tenkmateriaal	SPEC CME 9, SYM 8 / SPES SIM		OIL / OLIE		30 910	29 360
Brake System / Remstelsel	V/R		Tank Lining / Tenkvoering			DIESEL OIL / DIESELOLIE		30 720	30 910
Brake Cylinders / Remsilinders	(V) 2/15	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor			LIQUID FERTILISER / VLOEIBARE KUNSMIS		30 910	43 270
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (50)	(L)	Originally designed for / Oorspronklik ontwerp vir	WATER	TREACLE OIL / STROOP OLIE				
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 60,9 / 23,7	(L)	Converted for / Omskep vir						
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Herstening						
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR-SAS		Date / Datum						

XJ-21



Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingin rigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingin rigting

Brake System - Remstelsel

A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

Remarks / Opmerkings :-

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsituimtes kyk tekening nommer CME 240/12-A99

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
30 - 034 000 / 30 - 036 100	1965 - 66

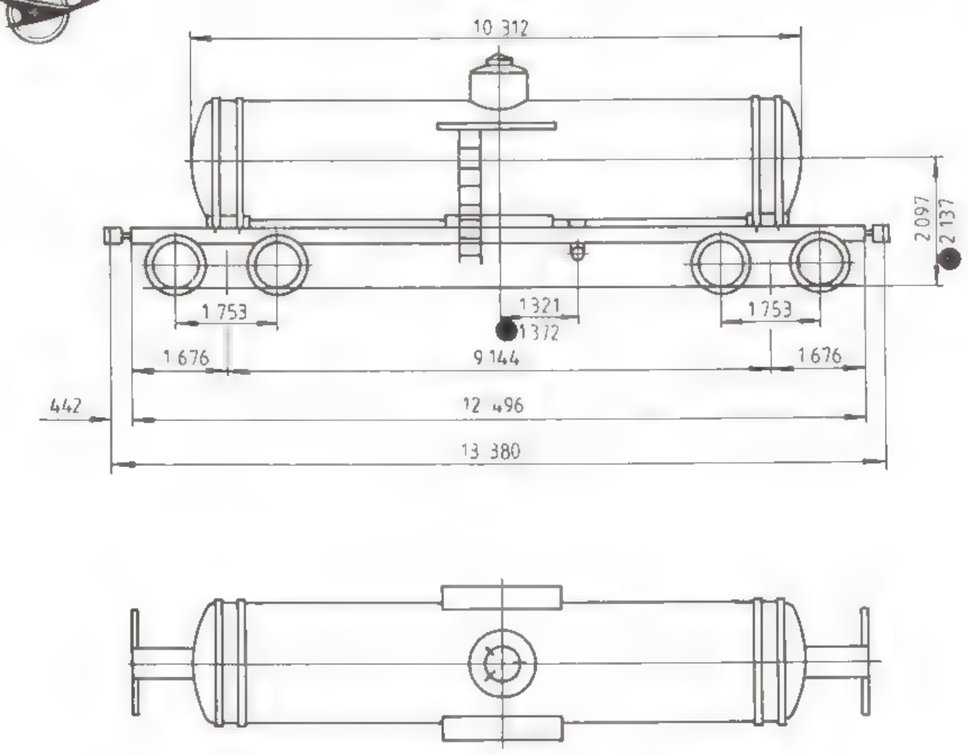
Converted from / Omskep van	Date / Datum
X-24	1986

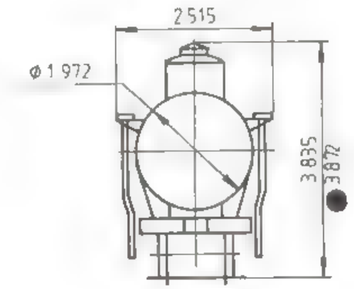
Drawing Number / Tekeningnommer	CME 143/12-A21		Centre of Gravity (Empty) / Swaartepunt (Leeg)		Capacity (full) / Inhoudsvermoe(vol) l	36 370	Tare (Average) / Tarra(Gemiddeld) kg	21 550
Bogie Type / Draaisteltipe	SARCAST				Contents / Inhoud		Capacity / Inhoudsvermoe l	Mass / Massa kg
Bearing Size / Laergrootte	11 × 5 1/2				WATER		36 370	36 370
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6/6		Tank Material / Tenkmateriaal	SPEC. CME 9, SYM 8 / SPES SIM	OIL / OLIE		36 370	34 550
Brake System / Remstelsel	VIR		Tank Lining / Tenkvoering		DIESEL OIL / DIESELOLIE		36 100	36 370
Brake Cylinders / Remsilinders	(V) 2/15	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor		TRANSFORMER OIL / TRANSFORMATOROLIE		35 910	31 240
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	WATER / OIL OLIE				
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 62,3/23,2	(L)	Converted for / Omskep vir					
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		Revision / Hersiening					
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		Date / Datum					

XJ-24

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
35 - 014 016 / 35 - 014 334 35 - 014 342 / 35 - 014 423	1958 - 67 1960 - 61
◒ X-21 (ex. XS - 5)	1986
Converted from / Omskep van	Date / Datum
XZ-2 (ex X-18, X-21)	1976
● XZ-3 (ex X-25)	1976

Remarks / Opmerkings :

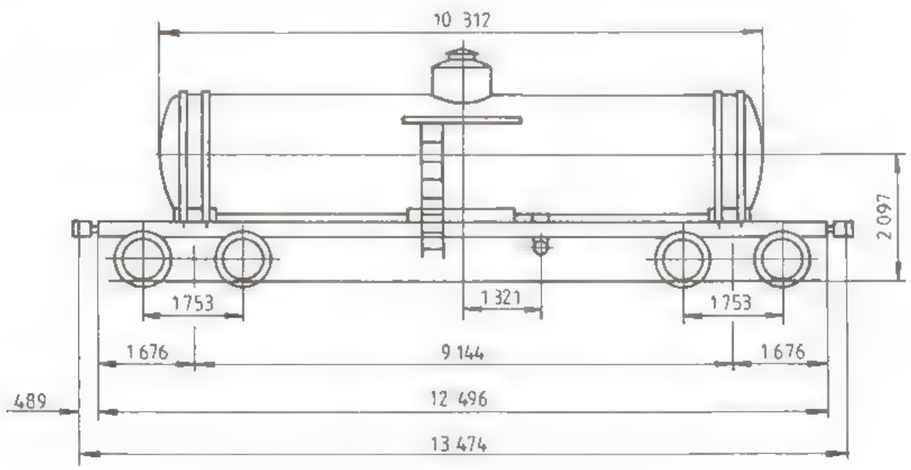
For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsituimtes kyk tekening nommer CME 240/12 - A99

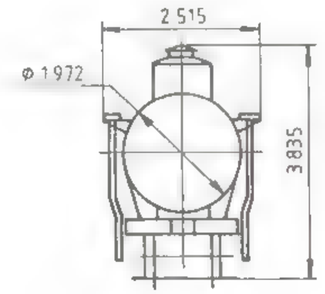
Drawing Number / Tekeningnommer	CME 115/12 A21 ● CME 152/12-A21		
Bogie Type / Draaisteltipe	SARCAST		
Bearing Size / Laergrootte	11 × 5 1/2		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6/6 ● 8/0		
Brake System / Remstelsel	✓		
Brake Cylinders / Remsilinders	(V) 2/18	(L)	
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50)	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 86,2/30,5 ● 88,3/32,8	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)					
Tank Material / Tenkmateriaal	SPEC CME 9, SYM 8 SPES SIM				
Tank Lining / Tenkvoering					
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor					
Originally designed for / Oorspronklik ontwerp vir	WATER TREACLE OIL STROOP OLIE				
Converted for / Omskep vir	CAUSTIC SODA EFFLUENT BYTSODA - AFVAL				
Revision / Hersiening					
Date / Datum					

Capacity (full) / Inhoudsvermoe (vol) L	30 910	Tare (Average) kg / Tarra (Gemiddeld)	19 500 ● 21 010
Contents / Inhoud		Capacity / Inhoudsvermoe L	Mass / Massa kg
CAUSTIC SODA EFFLUENT BYTSODA - AFVAL		30 910	35 550
● CAUSTIC SODA BYTSODA		29 110	46 570

XM-6





Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

XMJ-3

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
■ Slack Adjuster / Remversteller

Remarks / Opmerkings

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
✱1 35 - 012 021; 35-012 056, 35 - 012 080 / 35-012 102	1958 - 59
✱2 35 - 012 013,	1959
✱3 35 -012 110 / 35-012 218	1960 - 61

	Converted from / Omskep van	Date / Datum
✱1	XM-6 ex ou XZ-2	
✱2	XM-6 ex ou XZ-2 (orig oorspr X-21)	
✱3	XM-6 ex ou X-21 (orig oorspr XS-5)	

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitstruimtes kyk tekening nommer CME 240/12-A99

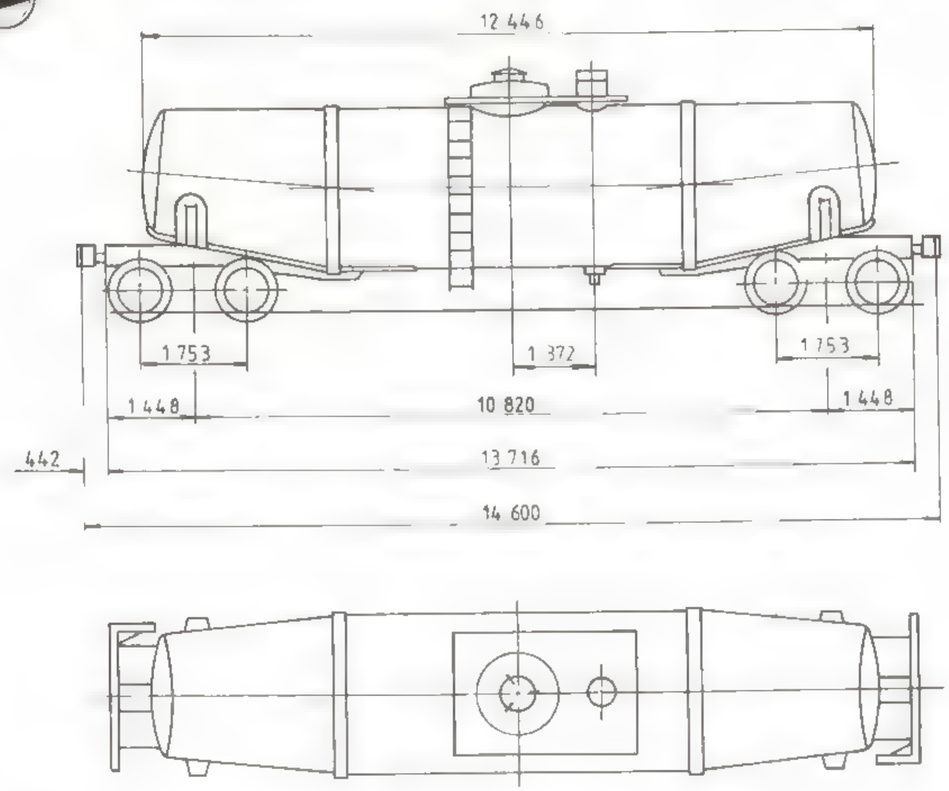
Drawing Number / Tekeningnommer	CME 115 / 12 - A21	Centre of Gravity (Empty) / Swaartepunt (Leeg)	1051	Capacity (full) / Inhoudsvermoe(vol) l	30 850
Bogie Type / Draaisteltipe	SARCAST			Contents / Inhoud	Capacity / Inhoudsvermoë l
Bearing Size / Laergrootte	11 × 5 1/2			CAUSTIC SODA EFFLUENT / BYTSODA - AFVAL	30 610
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6/6	Tank Material / Tenkmateriaal	SPEC CME 9, SYM B / SPES. SIM		
Brake System / Remstelsel	V/R	Tank Lining / Tenkvoering			
Brake Cylinders / Remsilinders	(V) 2/15 (L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor			
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50) (L)	Originally designed for / Oorspronklik ontwerp vir	WATER / TREACLE / STROOP / OIL / OLIE		
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 64,85/229) (L)	Converted for / Omskep vir	CAUSTIC SODA EFFLUENT / BYTSODA - AFVAL		
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E	Revision / Hersiening			
Coupler / Yoke / Koppelaar / Juk	SE/E	Date / Datum			

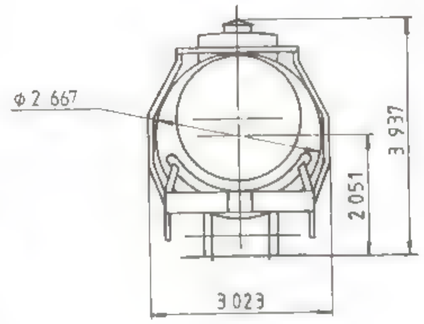
Tare (Average) kg / Tarra (Gemiddeld)	19 500
Mass kg / Massa	35 550

XMJ-3

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller





Remarks
Opmerkings :-

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	◒ W. 1/20076 ◓ W. 001/D005		
Bogie Type / Draaisteltipe	SPOORBARBER		
Bearing Size / Laergrootte	D		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/8		
Brake System / Remstelsel	◒ V ◓ V/R		
Brake Cylinders / Remsilinders	(V) 2/18	(L)	
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	◒ (V) 64,6/24,6 ◓ 58 8/22,4	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR-SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	◒ 1410 ◓ 1342				
Tank Material / Tenkmateriaal	SPEC. SPES. CME 9	SYM-SIM 8			
Tank Lining / Tenkvoering					
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000				
Originally designed for / Oorspronklik ontwerp vir	PETROL				
Converted for / Omskep vir	HEXANE / HEKSAAN				
Revision / Hersiening					
Date / Datum					

Capacity (full) / Inhoudsvermoe (vol) L	61 730	Tare (Average) kg / Tarra (Gemiddeld)	24 700
Contents / Inhoud		Capacity / Inhoudsvermoe L	Mass / Massa kg
HEXANE / HEKSAAN		60 950	40 190

XMJ - 4

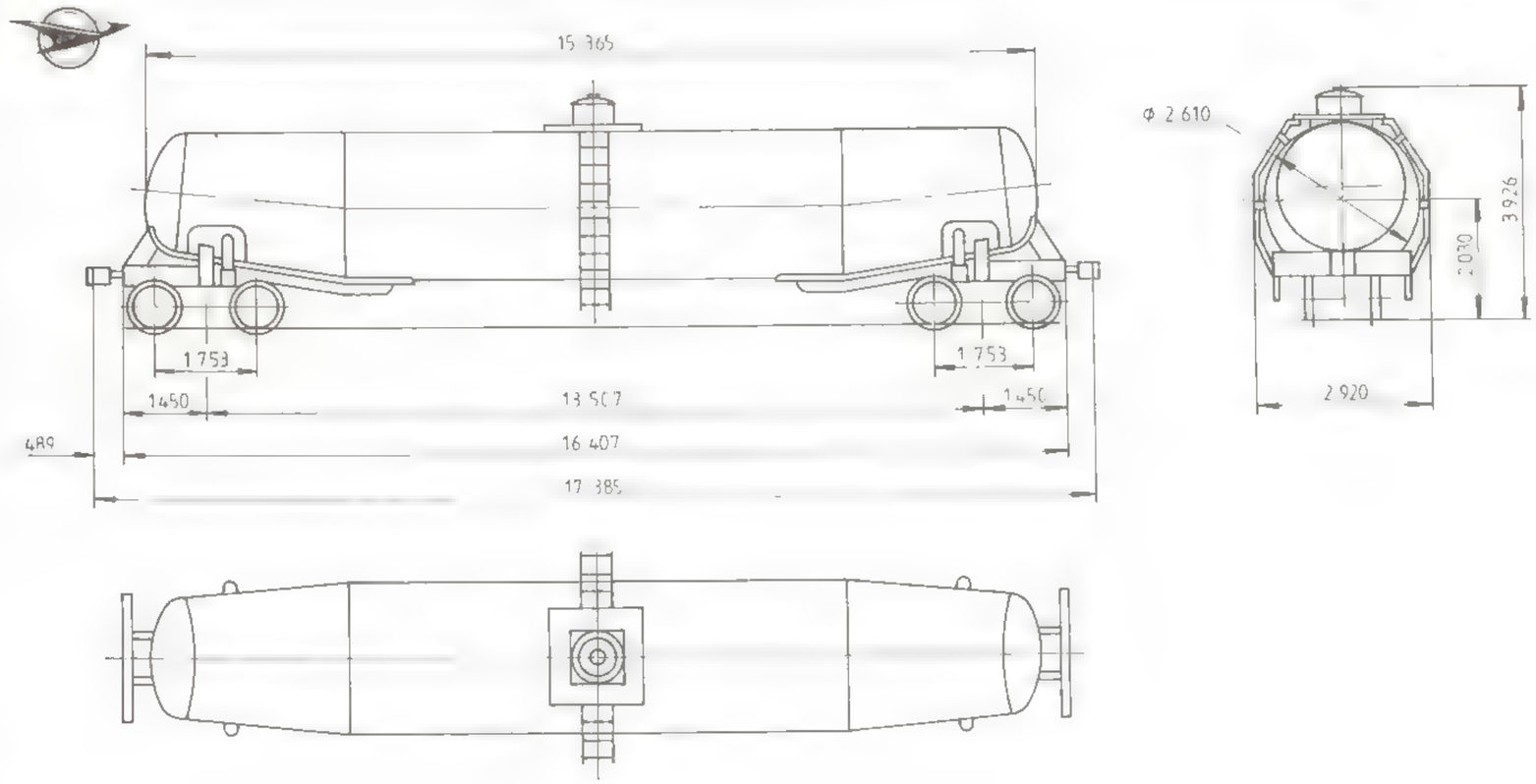
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
35 - 500 077	1969
35 - 500 018 / 35 - 500 069	1971-72

Converted from / Omskep van	Date / Datum
XMD-4 (◒ XPD-14 / ◓ XPD-15)	1982

74

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting

Brake System - Remstelsel
A Dual Power - Automatic Tweekrag - Outomaties Slack Adjuster Remversteller
V Vacuum Vakuum
L Air Lug
D Dual Power - Manually operated Tweekrag - Handbediening



Remarks
Opmerkings :-

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12 - A99

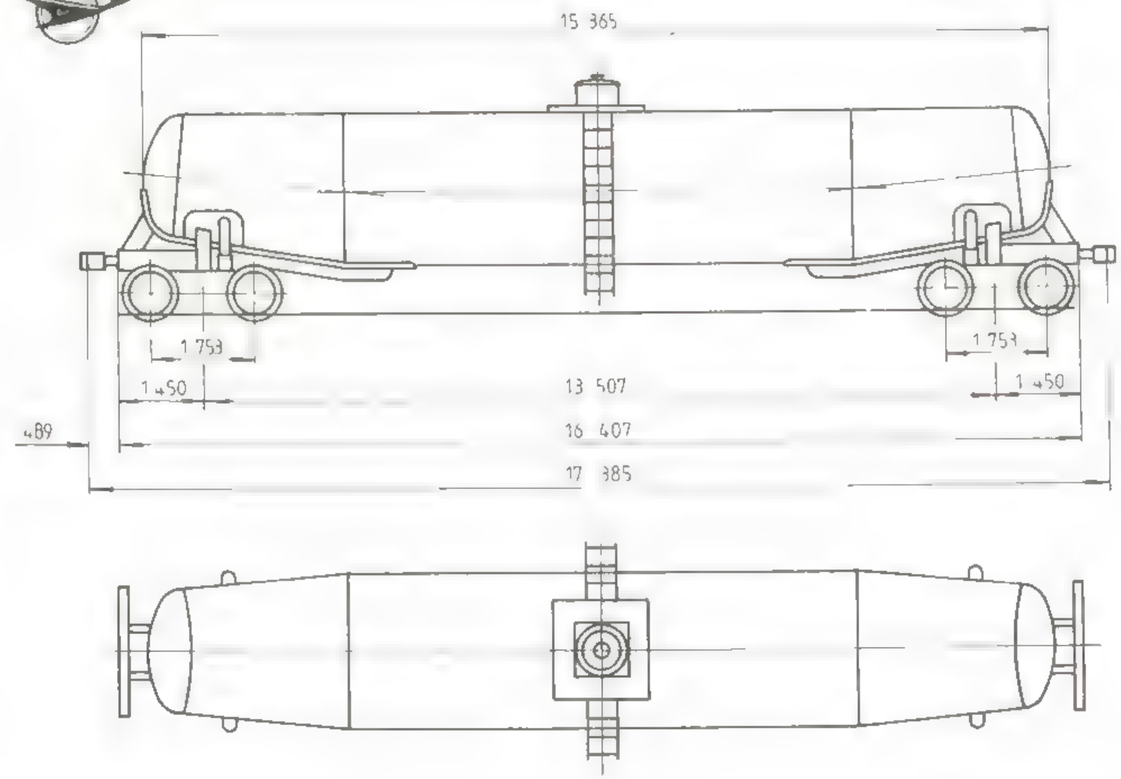
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
*1 35 - 016 213 / 35 - 016 361	1985
35 - 600 004 / 35 - 600 276	1984 84

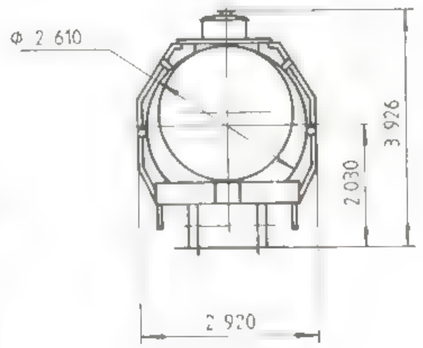
Converted from / Omskep van	Date / Datum
*1 XMLJ - 9	1986 - 87

Drawing Number / Tekeningnommer	W001 / D075		Centre of Gravity (Empty) / Swaartepunt (Leeg)		Capacity (full) / Inhoudsvermoe (vol) L	73 620	Tare (Average) / Tarra (Gemiddeld) kg	32 200
Bogie Type / Draaisteltipe	H S MK VII				Contents / Inhoud		Capacity / Inhoudsvermoe L	Mass / Massa kg
Bearing Size / Laergrootte	D				BUTADIENE / BUTADIEEN		67 290	41 800
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 10		Tank Material / Tenkmateriaal	ASTM A516 GR 70				
Brake System / Remstelsel	V R		Tank Lining / Tenkvoering					
Brake Cylinders / Remsilinders	(V) 2/18	(L)	Design Limit - Mass on Rail / Ontwerplimiet - Massa op Spoor kg	74 000				
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	BUTADIENE / BUTADIEEN				
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 46,7 / 20, 3	(L)	Converted for / Omskep vir					
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening	1				
Coupler / Yoke / Koppelaar / Juk	SE / E		Date / Datum	86 12-19				

XMJ - 9

Drawgear Equipment — Trekwerkuitrusting
KK Coupler hydraulic cushioning device — Koppelaar hidrouliese kussingnrigting
SSC Centre sill hydraulic cushioning device — Middelbalk hidrouliese kussingnrigting





Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
35 - 600 004 / 35 - 600 276	1983 - 84

Remarks
Opmerkings

Converted from Omskep van	Date Datum

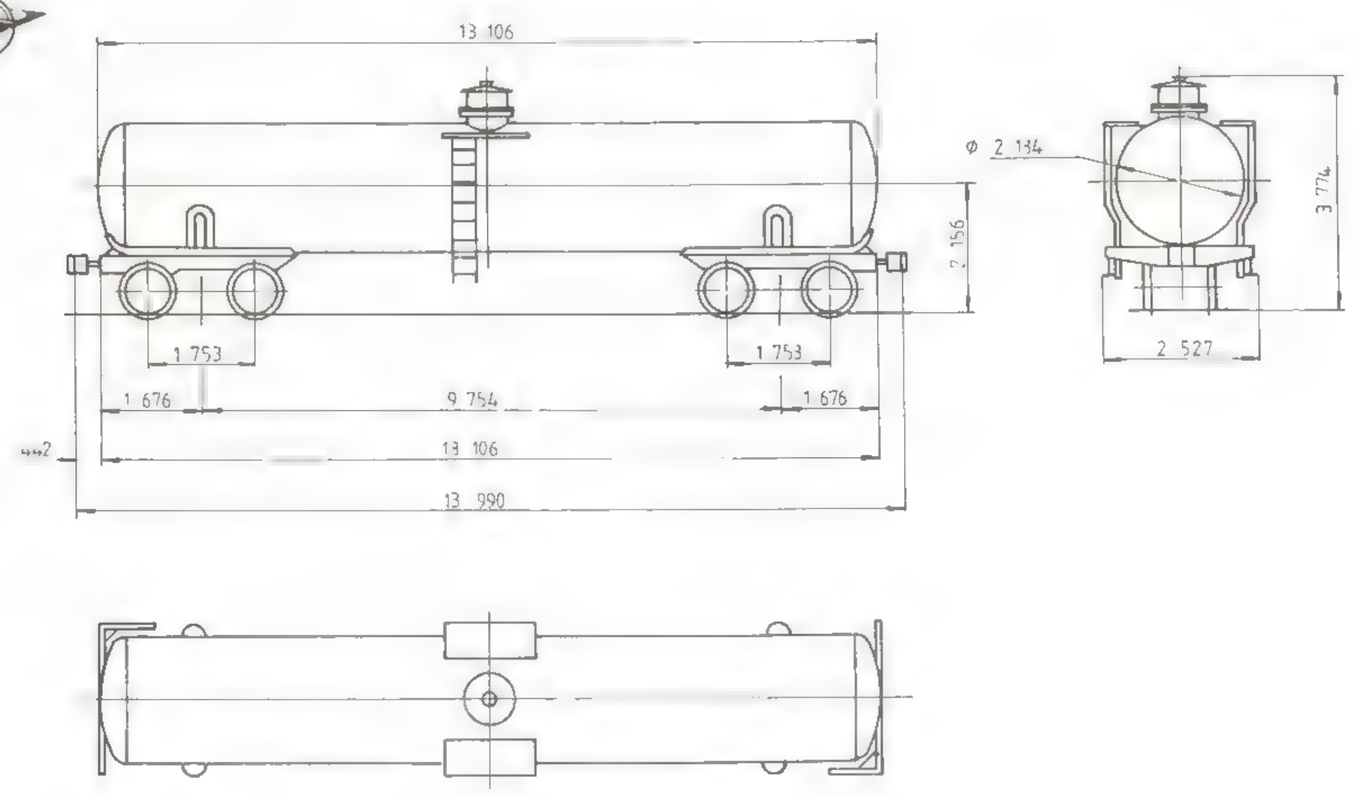
For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoens en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number Tekeningnommer	W 001 / D075		Centre of Gravity (Empty) Swaartepunt (Leeg)	1 505		Capacity (full) Inhoudsvermoe(vol)	3 740	Tare (Average) kg Tarra(Gemiddeld)	32 320
Bogie Type Draaisteltipe	H S MK VII					Contents Inhoud		Capacity Inhoudsvermoe	Mass kg Massa
Bearing Size Laergrootte	D					BUTADIENE BUTADIEEN		67 110	41 680
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	10/10		Tank Material Tenkmateriaal	ASTM A516 GR 70					
Brake System Remstelsel	V/L/R		Tank Lining Tenkvoering						
Brake Cylinders Remsilinders	(V) 2/18	(L) 1/10 ×12	Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor	74 000					
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L) 32	Originally designed for Oorspronklik ontwerp vir	BUTADIENE BUTADIEEN					
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 46.5 / 20.3	(L) 44,4 / 19,4	Converted for Omskep vir						
Drawgear Equipment Trekwerkuitrusting	AAR M 901 E		Revision Hersiening						
Coupler / Yoke Koppelaar / Juk	SE/E		Date Datum						

XMLJ - 9

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller



Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
36 - 011 002 / 36 - 012 319	1967

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

XAA-2

Remarks / Opmerkings :-

Converted from / Omskep van	Date / Datum

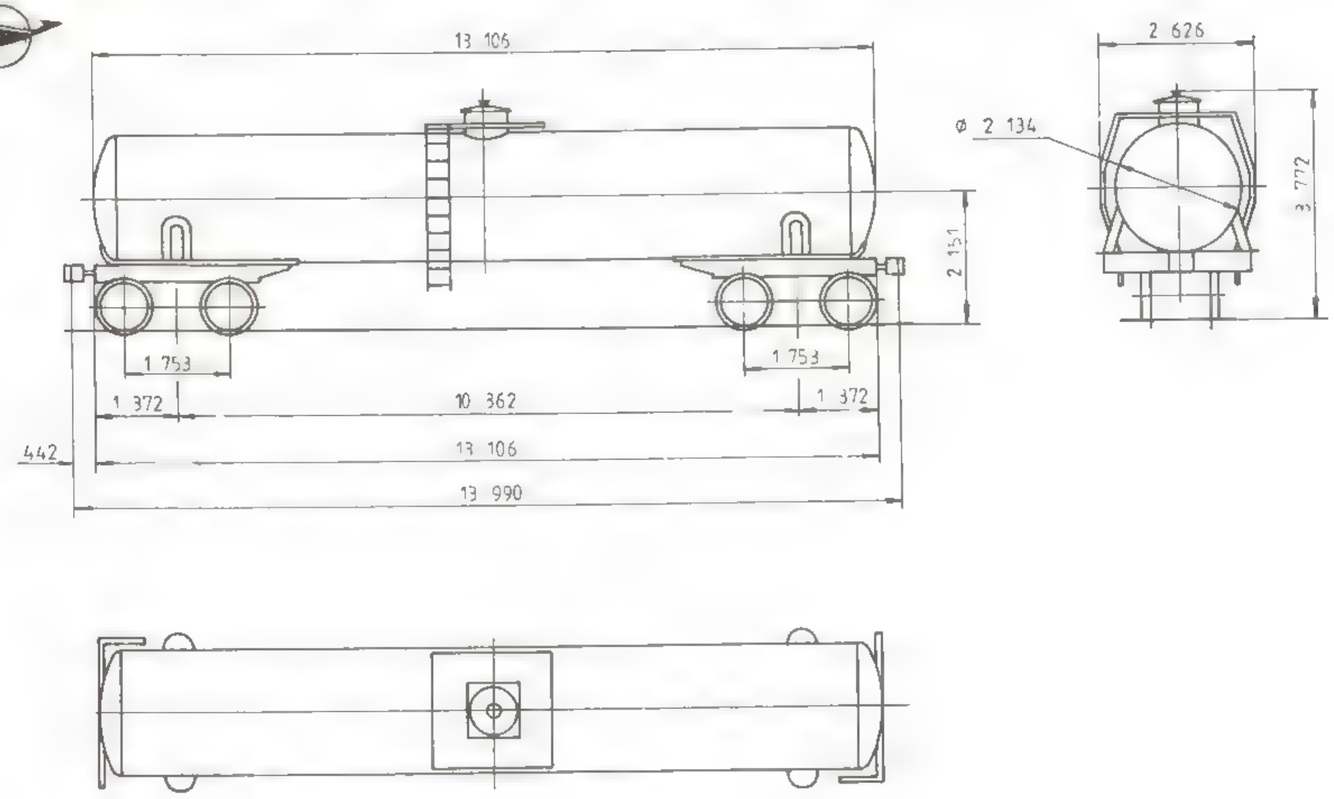
For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W 1 / 20036		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 466	Capacity (full) / Inhoudsvermoe (vol) L 45 460
Bogie Type / Draaistaltipe	ARLAST				Contents / Inhoud
Bearing Size / Laergrootte	11 × 5 1/2				ANHYDROUS AMMONIA / WATERVRY AMMONIAK
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	[illegible]		Tank Material / Tenkmateriaal	B S 1501-151 GR 28A	
Brake System / Remstelsel	[illegible]		Tank Lining / Tenkvoering		
Brake Cylinders / Remsilinders	(V) 2 / 21	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor		
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	ANHYDROUS AMMONIA / WATERVRY AMMONIAK	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 81,5 / 41,8	(L)	Converted for / Omskep vir		
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		Revision / Hersiening		
Coupler / Yoke / Koppelaar / Juk	SASKOP S / SAR - SAS		Date / Datum		

Tare (Average) kg / Tarra (Gemiddeld)	Capacity / Inhoudsvermoe L	Mass / Massa kg
[illegible]	42 600	[illegible]

XN-2

77



Drawgear Equipment — Trekwerkuitrusting

KK Coupler hydraulic cushioning device — Koppelaar hidrouliese kussingrigting

SSC Centre sill hydraulic cushioning device — Middelbalk hidrouliese kussingrigting

XAA-3

Brake System - Remstelsel

A Dual Power - Automatic — Tweekrag - Outomaties

R Slack Adjuster — Remversteller

V Vacuum — Vakuum

L Air — Lug

D Dual Power – Manually operated — Tweekrag – Handbediening

Remarks
Opmerkings

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
36 - 013 005 / 36 - 013 544	1970

Converted from / Omskep van	Date / Datum

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W 001 / A 001		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 321		Capacity (full) / Inhoudsvermoë (vol) L	45 460	Tare (Average) kg / Tarra (Gemiddeld)	26 330
Bogie Type / Draaisteltipe	SPOORBARBER					Contents / Inhoud		Capacity / Inhoudsvermoe L	Mass kg / Massa
Bearing Size / Laergrootte	C					ANHYDROUS AMMONIA / WATERVRY AMMONIAK		42 600	25 860
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 2		Tank Material / Tenkmateriaal	B S. 1501 - 151 GR 28 A					
Brake System / Remstelsel	V		Tank Lining / Tenkvoering						
Brake Cylinders / Remsilinders	(V) 2 / 21	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000					
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	ANHYDROUS AMMONIA / WATERVRY AMMONIAK					
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 90 / 45,4	(L)	Converted for / Omskep vir						
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening						
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		Date / Datum						

XN-3

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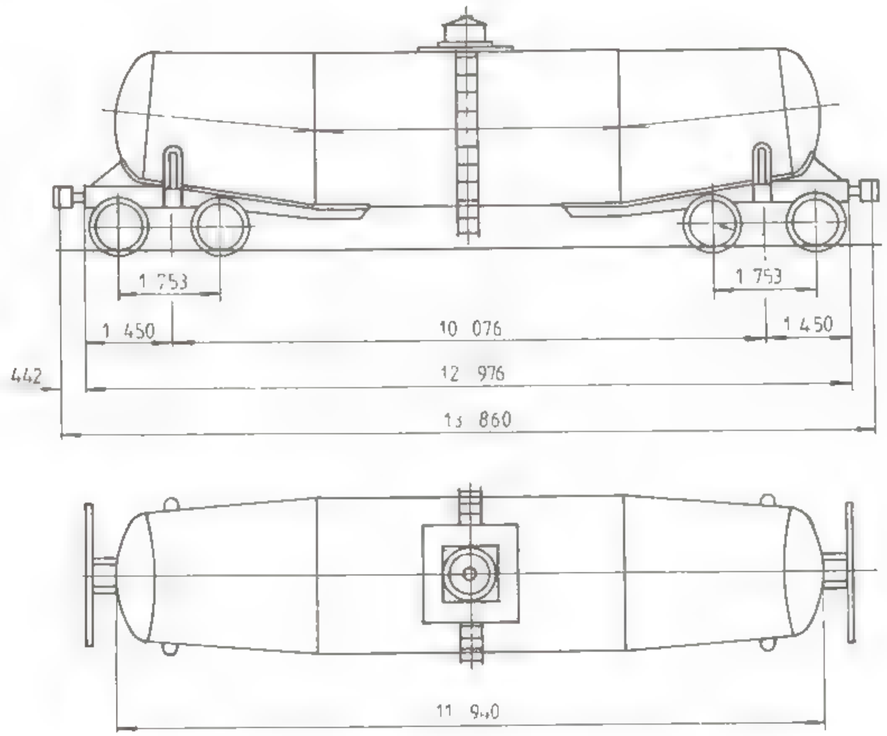
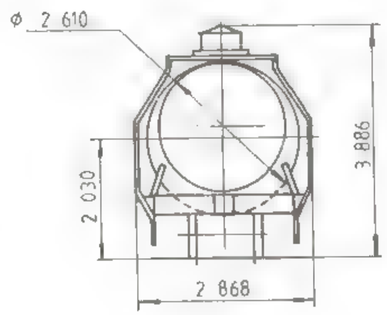
Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
36 - 013 560 / 36 - 013 765	1972

Remarks / Opmerkings :

Converted from / Omskep van	Date / Datum

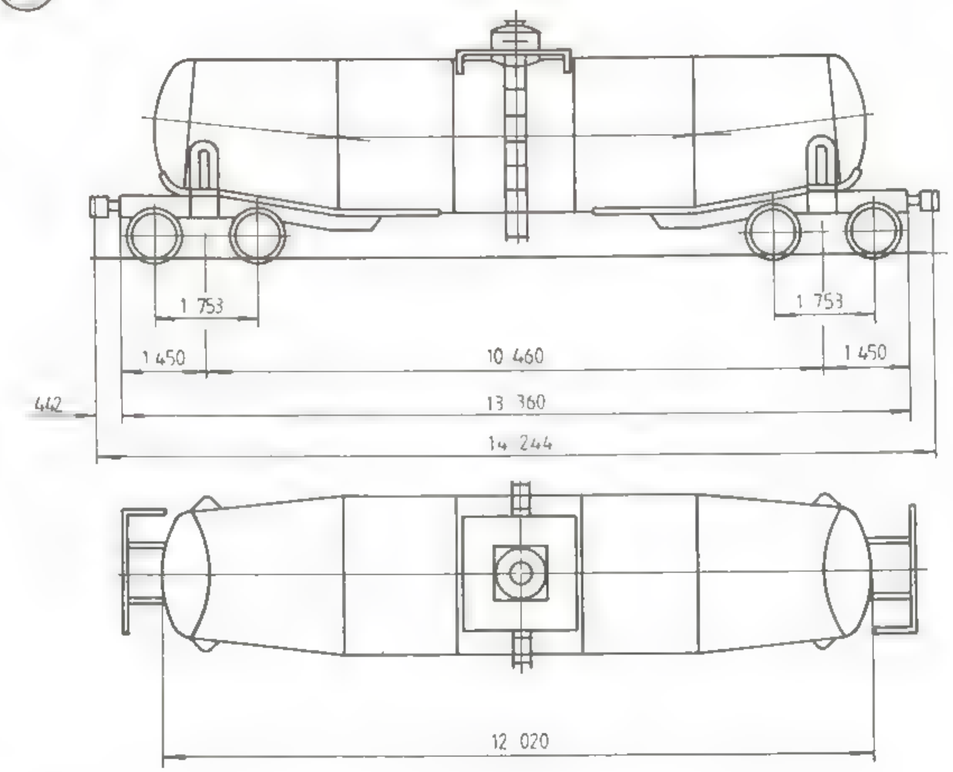
For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsituimtes kyk tekening nommer CME 240/12 - A99

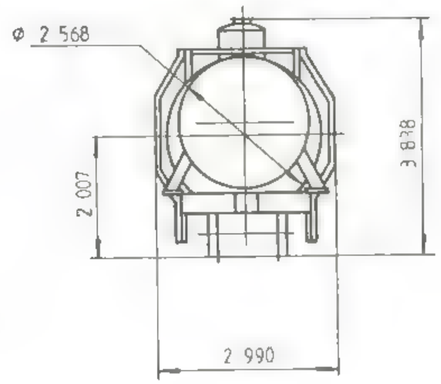
Drawing Number / Tekeningnommer	W 001 / V007		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 361		Capacity (full) / Inhoudsvermoe(vol) L	55 430	Tare (Average) kg / Tarra(Gemiddeld)	26 800
Bogie Type / Draaisteltipe	SPOORBARBER					Contents / Inhoud		Capacity / Inhoudsvermoe L	Mass kg / Massa
Bearing Size / Laergrootte	C					ANHYDROUS AMMONIA / WATERVRY AMMONIAK		51 960	31 540
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 4		Tank Material / Tenkmateriaal	A S T M A516 GR 70					
Brake System / Remstelsel	v R		Tank Lining / Tenkvoering						
Brake Cylinders / Remsilinders	(V) 2 / 21	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000					
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	ANHYDROUS AMMONIA / WATERVRY AMMONIAK					
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 72,66 / 33,38	(L)	Converted for / Omskep vir						
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening						
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		Date / Datum						

XN - 4

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller





Remarks
Opmerkings :-

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
36 - 013 773 / 36 014 591	1973 / 74

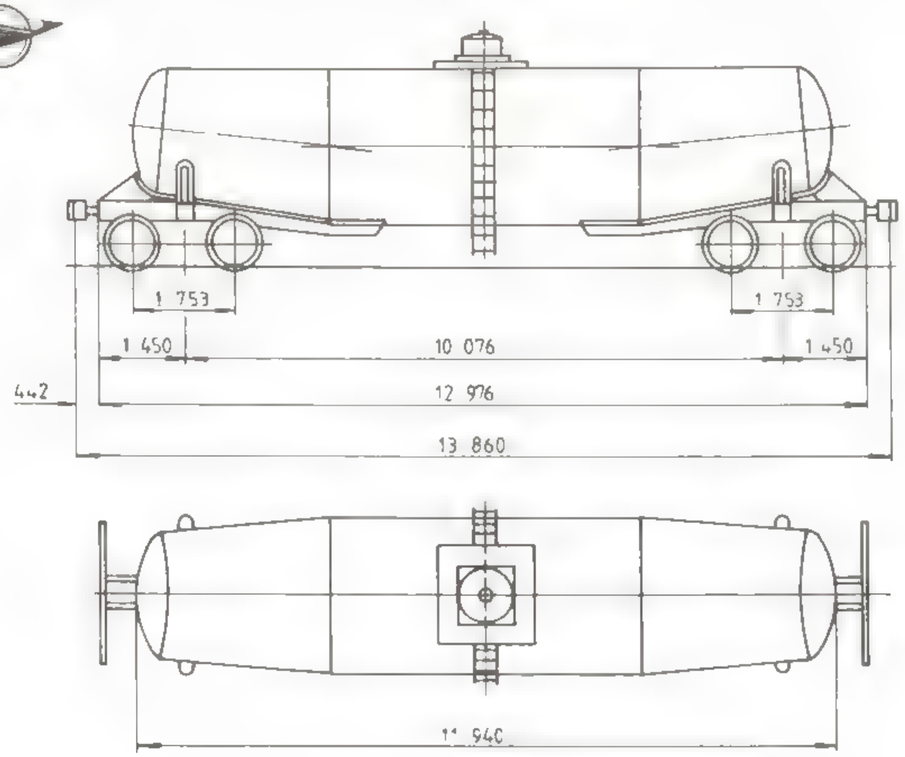
Converted from / Omskep van	Date / Datum

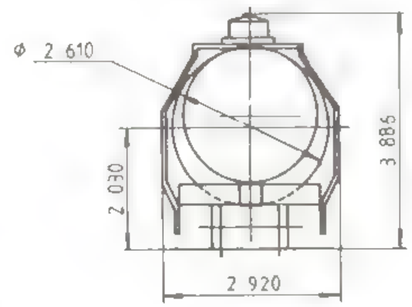
Drawing Number / Tekeningnommer	W 001 / M 002		
Bogie Type / Draaisteltipe	SPOORBARBER		
Bearing Size / Laergrootte	C		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 4		
Brake System / Remstelsel	V / R		
Brake Cylinders / Remsilinders	(V) 2 / 21	(L)	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 67,8 / 30,9	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 267				
Tank Material / Tenkmateriaal	A S.T M. A 516 GR 70				
Tank Lining / Tenkvoering					
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000				
Originally designed for / Oorspronklik ontwerp vir	ANHYDROUS AMMONIA / WATERVRY AMMONIAK				
Converted for / Omskep vir					
Revision / Hersiening					
Date / Datum					

Capacity (full) / Inhoudsvermoe(vol) L	54 100	Tare (Average) kg / Tarra (Gemiddeld)	25 800
Contents / Inhoud		Capacity / Inhoudsvermoë L	Mass / Massa kg
ANHYDROUS AMMONIA / WATERVRY AMMONIAK		50 750	30 800

XN - 5





Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
36 - 014 605 / 36 - 015 415	1977 - 78

Remarks
Opmerkings :-

Converted from Omskep van	Date Datum

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoens en uitsruimtes kyk tekening nommer CME 240/12 - A99

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remsteelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remwerksteller

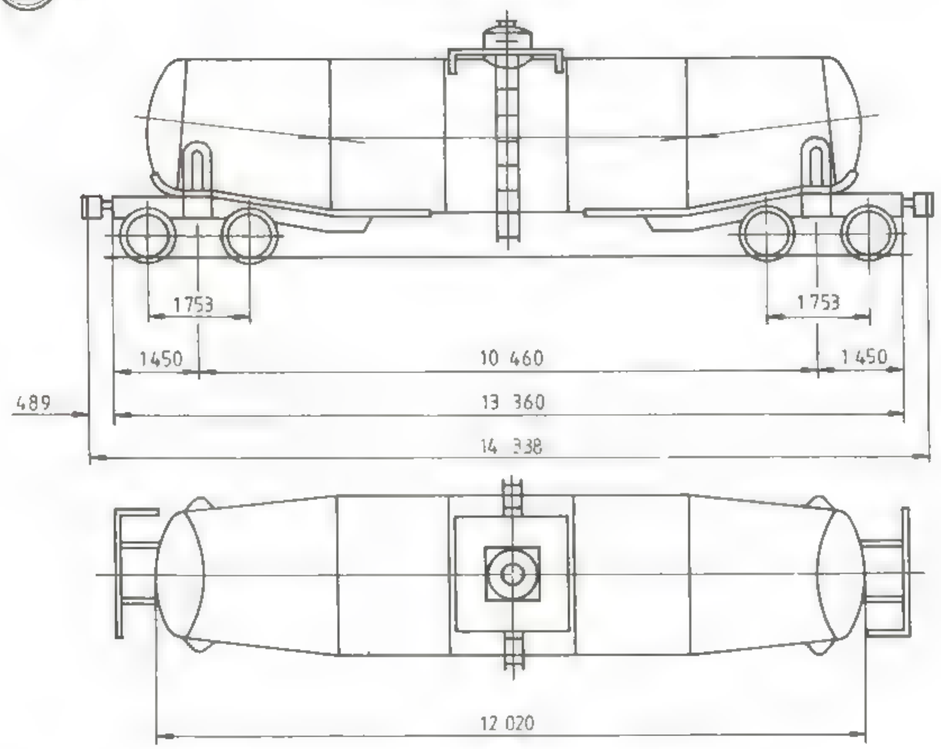
Drawing Number / Tekeningnommer		W 001 / N001	
Bogie Type / Draaisteltipe		H S MK III	
Bearing Size / Laergrootte		D	
Springs per Bogie / Vere per Draaistel	Outer / Inner / Buite / Binne	10 / 4	
Brake System / Remsteelsel		V / R	
Brake Cylinders / Remsilinders		(V) 2 / 18	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp		(V) 65	(L)
Brake Percentage / Rempersentasie	Empty / Loaded / Leeg / Met Vrag	(V) 65,12 / 30,28	(L)
Drawgear Equipment / Trekwerkuitrusting		AAR M901 E	
Coupler / Yoke / Koppelaar / Juk		SASKOP - S / SAR - SAS	

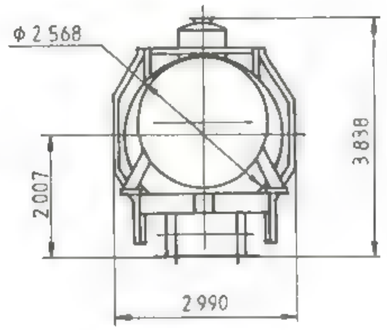
Centre of Gravity (Empty) / Swaartepunt (Leeg)			1 339			
Tank Material / Tenkmateriaal			ASTM A516 GR 70			
Tank Lining / Tenkvoering						
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor			60 000			
Originally designed for / Oorspronklik ontwerp vir			ANHYDROUS AMMONIA WATERVRY AMMONIAK			
Converted for / Omskep vir						
Revision / Herseining						
Date / Datum						

Capacity (full) / Inhoudsvermoe (vol) l	55 470	Tare (Average) / Tarra (Gemiddeld) kg	27 480
Contents / Inhoud		Capacity / Inhoudsvermoe l	Mass / Massa kg
ANHYDROUS AMMONIA WATERVRY AMMON.AK		52 090	31 620

XN - 6

81





Remarks
Opmerkings :-

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12-A99

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
36 - 013 773 / 36 - 014 591	1973 / 74

Converted from / Omskep van	Date / Datum
XN-5	1987 -

Drawing Number / Tekeningnommer	W001/M002		
Bogie Type / Draaisteltipe	SPOORBARBER		
Bearing Size / Laergrootte	C		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/4		
Brake System / Remstelsel	V/R		
Brake Cylinders / Remsilinders	(V) 2/21	(L)	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 52,7/24	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SE/E		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 267
Tank Material / Tenkmateriaal	A S T M A516 GR70
Tank Lining / Tenkvoering	
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	ANHYDROUS AMMONIA / WATERVRY AMMONIAK
Converted for / Omskep vir	

Revision / Hersiening					
Date / Datum					

Capacity (full) l / Inhoudsvermoe (vol) l	Tare (Average) kg / Tarra (Gemiddeld)	
54 100	25 800	
Contents / Inhoud	**Capacity / Inhoudsvermoe l**	**Mass / Massa kg**
ANHYDROUS AMMONIA / WATERVRY AMMONIAK	50 750	30 800

XNJ-5

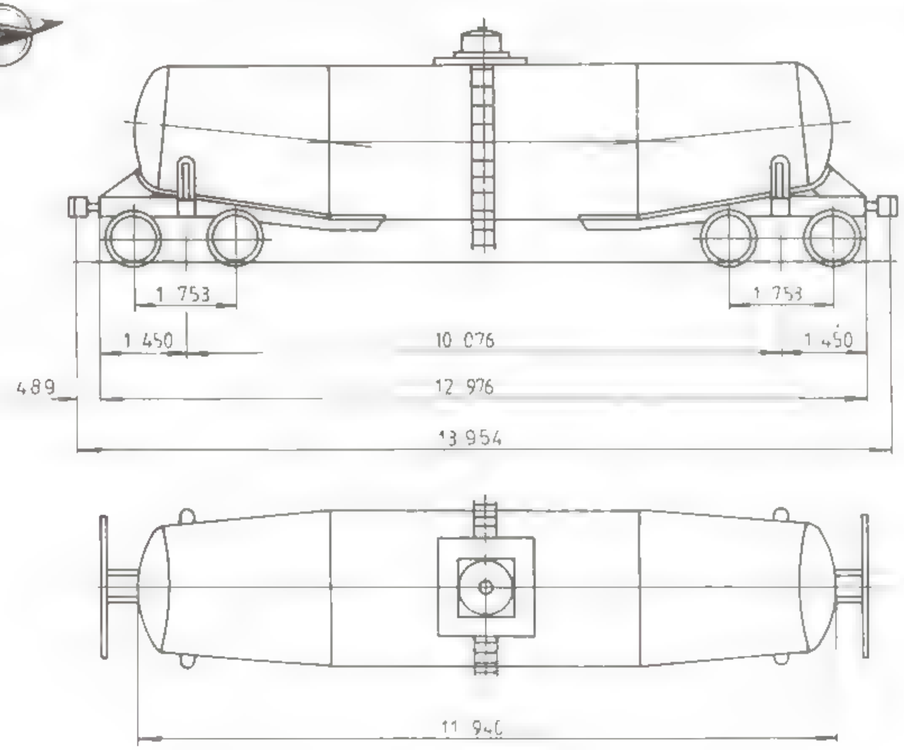
Brake System - Remstelsel

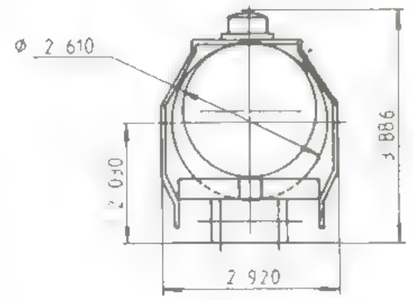
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remverstelter

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidroulliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulliese kussingrigting

82





Drawgear Equipment — Trekwerkuitrusting
KK Coupler hydraulic cushioning device — Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device — Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum — Vakuum
L Air — Lug
D Dual Power - Manually operated — Tweekrag - Handbediening
A Dual Power - Automatic — Tweekrag - Outomaties
R Slack Adjuster — Remversteller

Remarks
Opmerkings :-

For actual loads, capacities and ullages see drawing number
Vir werklike vragte inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12-A99

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
36 - 014 605 / 36 - 015 415	1977 78

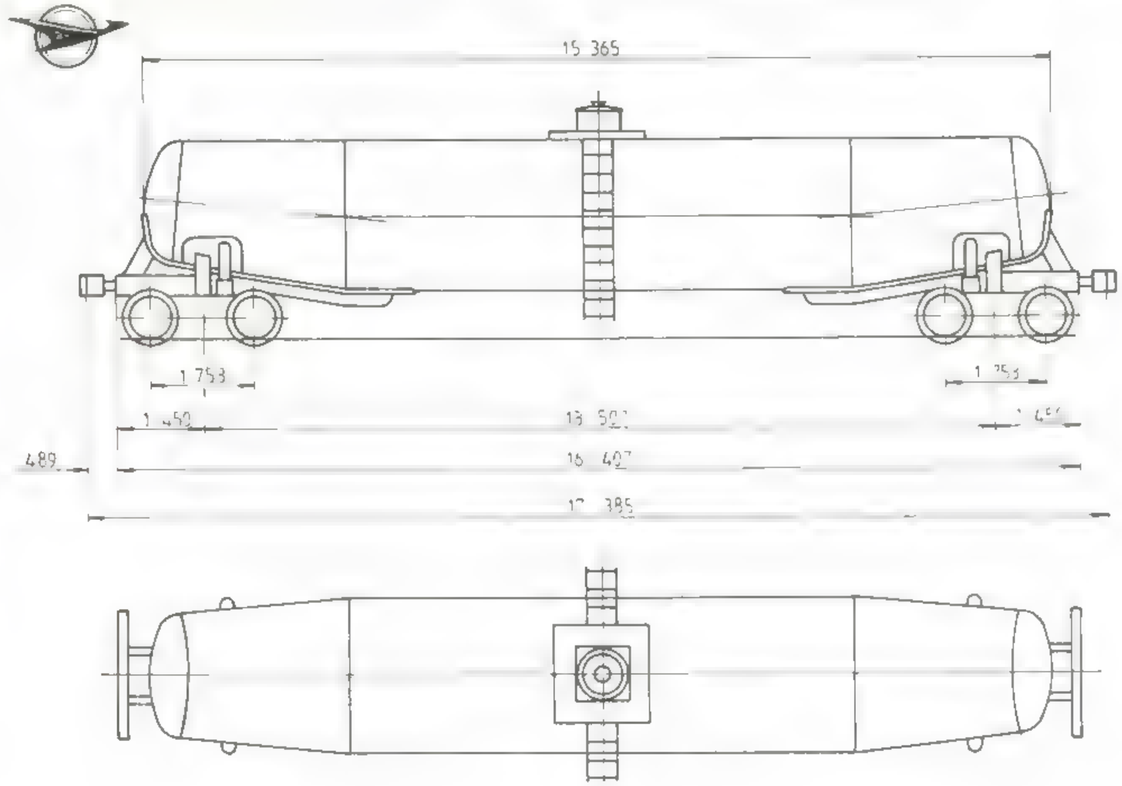
Converted from / Omskep van	Date / Datum
XN-6	1990

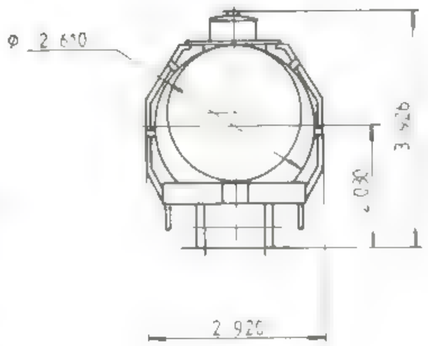
Drawing Number / Tekeningnommer	A 001 N 21		
Bogie Type / Draaisteltipe	H S MK III		
Bearing Size / Laergrootte	D		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 4		
Brake System / Remstelsel	V / R		
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 56,4/26,2	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SE/E		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 340					
Tank Material / Tenkmateriaal	ASTM A516 GR 70					
Tank Lining / Tenkvoering						
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000					
Originally designed for / Oorspronklik ontwerp vir	ANHYDROUS AMMONIA WATERVRY AMMONIAK					
Converted for / Omskep vir						
Revision / Hersiening						
Date / Datum						

Capacity (full) / Inhoudsvermoe (vol)	Tare (Average) kg / Tarra (Gemiddeld)	
[illegible]	2 [illegible]	
Contents / Inhoud	**Capacity / Inhoudsvermoe**	**Mass kg / Massa**
ANHYDROUS AMMONIA WATERVRY AMMONIAK	52 090	31 [illegible]

XNJ-6





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
36 - 015 423 / 36 - 016 241 *1	1981 82
36 - 016 268 / 36 - 017 019	1982 - 83

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulliese kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power – Manually operated / Tweekrag – Handbediening

Remarks
Opmerkings

Converted from / Omskep van	Date / Datum
*1 XNLJ - 7	1986 - 87

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W 001 / D 062		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 505		Capacity (full) / Inhoudsvermoe (vol) L	73 570	Tare (Average) / Tarra (Gemiddeld) kg	32 040
Bogie Type / Draaisteltipe	H S MK VII					Contents / Inhoud		Capacity / Inhoudsvermoe L	Mass / Massa kg
Bearing Size / Laergrootte	D					ANHYDROUS AMMONIA / WATERVRY AMMONIAK		68 500	41 800
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 10		Tank Material / Tenkmateriaal	A S T M A516 GR 70					
Brake System / Remstelsel	V R		Tank Lining / Tenkvoering						
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000					
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	ANHYDROUS AMMONIA / WATERVRY AMMONIAK					
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 54,8/23,8	(L)	Converted for / Omskep vir						
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening						
Coupler / Yoke / Koppelaar / Juk	SE/E		Date / Datum						

XNJ - 7

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Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel

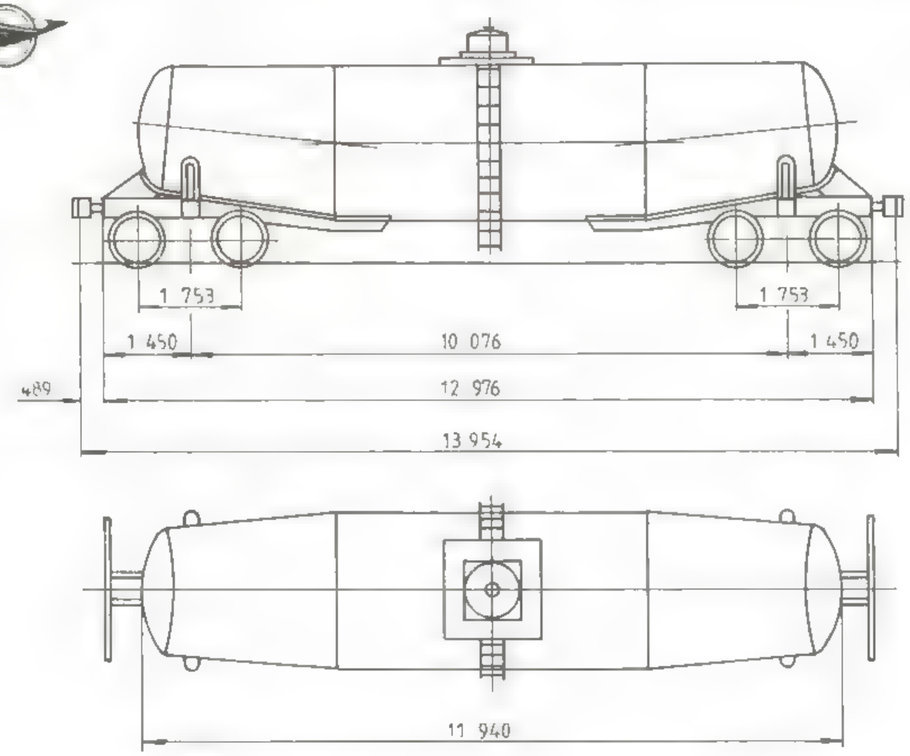
V Vacuum / Vakuum

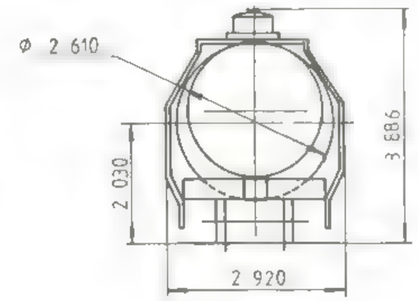
L Air / Lug

D Dual Power - Manually operated / Tweekrag - Handbediening

A Dual Power - Automatic / Tweekrag - Outomaties

R Slack Adjuster / Remversteller





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
36 - 017 469 / 36 - 017 647	1990

Remarks / Opmerkings : PURCHASED FROM SWAZI PAPER MILLS (ORIGINALLY PLACED IN SERVICE 1981/82) / AANGEKOOP VAN SWAZI PAPER MILLS (OORSPRONKLIK IN GEBRUIK GENEEM 1981/82)

Converted from / Omskep van	Date / Datum

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12 - A99

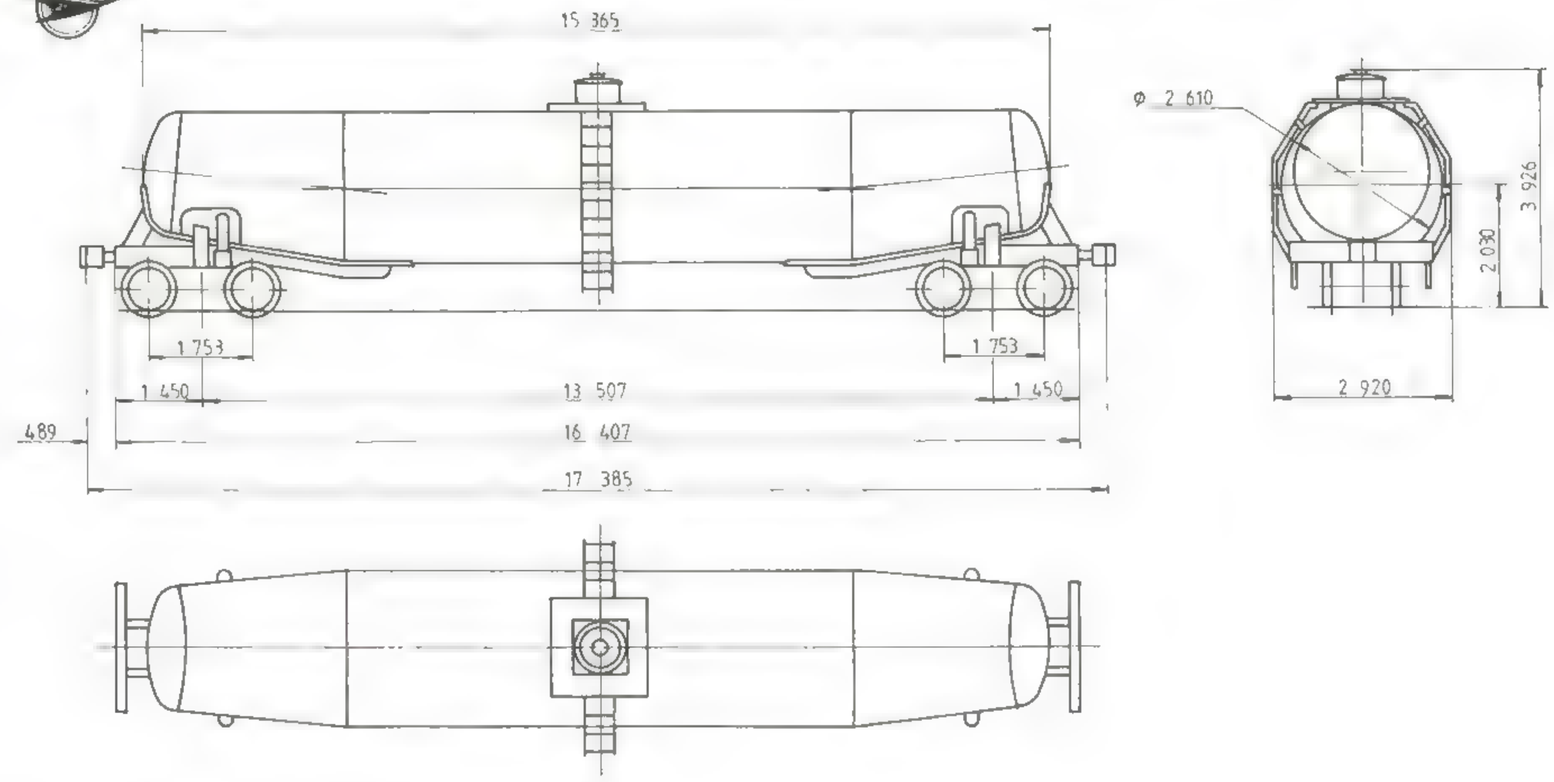
Drawing Number / Tekeningnommer	
Bogie Type / Draaisteltipe	HS. MK III & MK VII
Bearing Size / Laergrootte	D
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 - 4
Brake System / Remstelsel	V / R
Brake Cylinders / Remsilinders	(V) 2/21 (L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 50,8 / 23,4 (L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E
Coupler / Yoke / Koppelaar / Juk	SE E

Centre of Gravity (Empty) / Swaartepunt (Leeg)			1 339			
Tank Material / Tenkmateriaal			ASTM A516 GR 70			
Tank Lining / Tenkvoering						
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor			60 000			
Originally designed for / Oorspronklik ontwerp vir			ANHYDROUS AMMONIA WATERVRY AMMONIAK			
Converted for / Omskep vir						
Revision / Hersiening						
Date / Datum						

Capacity (full) / Inhoudsvermoe (vol) L	55 830	Tare (Average) kg / Tarra (Gemiddeld)	27 540		
Contents / Inhoud		Capacity / Inhoudsvermoe L	Mass / Massa kg		
ANHYDROUS AMMONIA WATERVRY AMMONIAK		52 060	31 770		

XNJ - 8

85



Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
36 - 017 655 / 36 - 017 701	1990

Remarks / Opmerkings: PURCHASED FROM SWAZI PAPER MILLS (ORIGINALLY PLACED IN SERVICE 1981/82) / AANGEKOOP VAN SWAZI PAPER MILLS (OORSPRONKLIK IN GEBRUIK GENEEM 1981/82)

Converted from Omskep van	Date Datum

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting

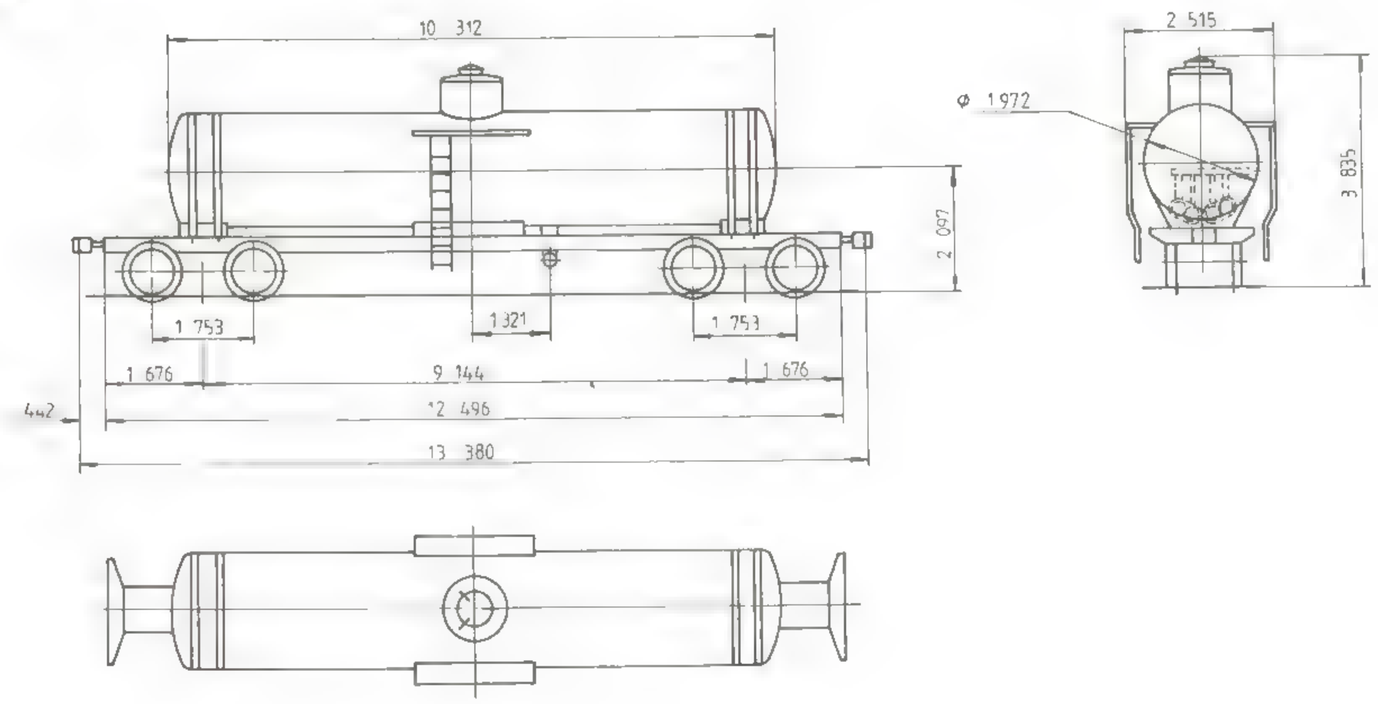
Brake System - Remstelsel
A Dual Power - Automatic Tweekrag - Outomaties
R Slack Adjuster Remversteller
V Vacuum Vakuum
L Air Lug
D Dual Power - Manually operated Tweekrag - Handbediening

Drawing Number / Tekeningnommer		
Bogie Type / Draaisteltipe	H S MK III & MK VII	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 10	
Brake System / Remstelsel	V / R	
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 54 5/23,7	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SE/E	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 505					
Tank Material / Tenkmateriaal	A S T M A516 GR 70					
Tank Lining / Tenkvoering						
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000					
Originally designed for / Oorspronklik ontwerp vir	ANHYDROUS AMMONIA / WATERVRY AMMONIAK					
Converted for / Omskep vir						
Revision / Hersiening						
Date / Datum						

Capacity (full) / Inhoudsvermoe (vol) L	73 440	Tare (Average) kg / Tarra (Gemiddeld)	31 590
Contents / Inhoud		Capacity / Inhoudsvermoe L	Mass / Massa kg
ANHYDROUS AMMONIA / WATERVRY AMMONIAK		68 500	41 800

XNJ - 9



Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
37 - 010 018 / 37 - 010 107	1958 / 59

Drawgear Equipment — Trekwerkuitrusting
K K Coupler hydraulic cushioning device — Koppelaar hidroulies kussinginrigting
SSK Centre sill hydraulic cushioning device — Middelbalk hidroulies kussinginrigting

Brake System — Remstelsel
V Vacuum — Vakuum
L Air — Lug
D Dual Power – Manually operated — Tweekrag – Handbediening
A Dual Power Automatic — Tweekrag - Outomaties
R Slack Adjuster — Remversteller

XBO-1

Remarks — Fitted with Steam Heating Elements
Opmerkings — Toegerus met Elemente vir Stoomverwarming

Converted from Omskep van	Date Datum
X 21	1954

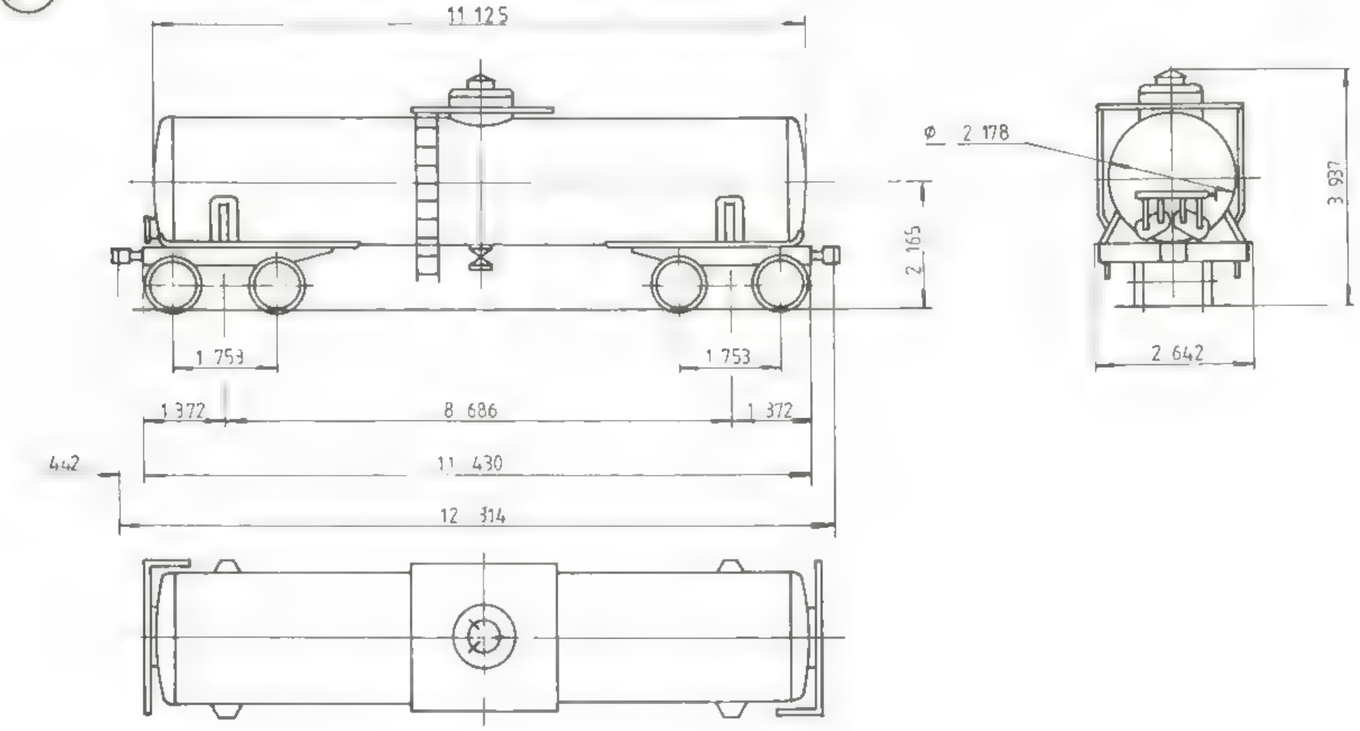
For actual loads, capacities and ullages see drawing number
Vir werklike vragte,inhoudsvermoens en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number Tekeningnommer	CME 115 12 A21		
Bogie Type Draaisteltipe	AAR AST		
Bearing Size Laergrootte	11 × 5 1/2		
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	5 / 5		
Brake System Remstelsel	V		
Brake Cylinders Remsilinders	(V) 2 / 18	(L)	
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 78 9 / 33 7	(L)	
Drawgear Equipment Trekwerkuitrusting	AAR M 901 E		
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR - SAS		

Centre of Gravity (Empty) Swaartepunt (Leeg)						Capacity (full) l Inhoudsvermoe(vo) L	29 980	Tare (Average) kg Tarra(Gemiddeld)	21 320
						Contents nhoud		Capacity Inhoudsvermoe	Mass kg Massa
						FURNACE OIL BRANDOLIE		29 660	28 550
Tank Material Tenkmateriaal	SPEC CME 9 SPES		SYM 8 SIM						
Tank Lining Tenkvoering									
Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor									
Originally designed for Oorspronklik ontwerp vir	WATER TREALLE OIL STROOP CME								
Converted for Omskep vir	FURNACE OIL BRANDOLIE								
Revision Hersiening									
Date Datum									

XO - 1

87



Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
37 - 012 002 / 37 - 014 463	1969 - 70
37 - 014 498 / 37 - 016 121	1970 - 71

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

XB0-3

Remarks / Opmerkings : Fitted with Steam Heating Elements / Toegerus met Elemente vir Stoomverwarming

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	◒ W1 / 20080 ◓ W001 / D008	
Bogie Type / Draaisteltipe	SPOORBARBER	
Bearing Size / Laergrootte	C	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 4	
Brake System / Remstelsel	V	
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 92,9 / 33,2	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	◒ 1 230	◓ 1 280			
Tank Material / Tenkmateriaal	SPEC / SPES CME 9	SYM / SIM 8			
Tank Lining / Tenkvoering					
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000				
Originally designed for / Oorspronklik ontwerp vir	FURNACE OIL BRANDOLIE				
Converted for / Omskep vir					
Revision / Hersiening					
Date / Datum					

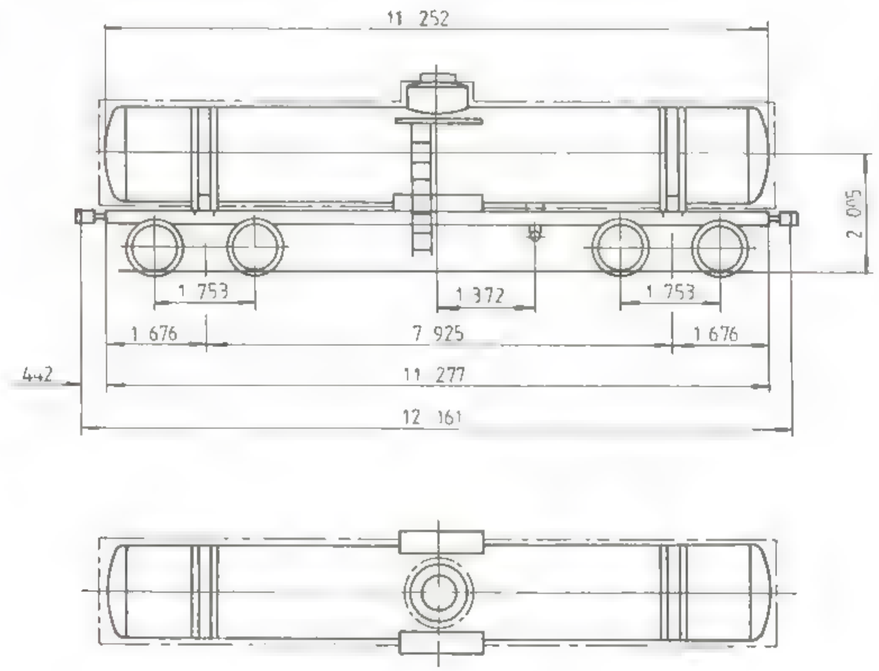
Converted from / Omskep van	Date / Datum

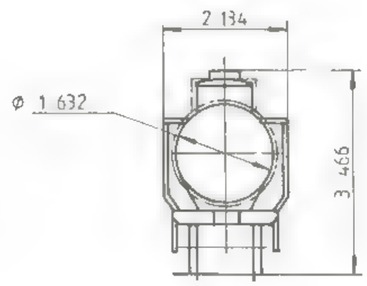
Capacity (full) l / Inhoudsvermoe (vol) l	39 650	Tare (Average) kg / Tarra (Gemiddeld)	20 960
Contents / Inhoud		Capacity l / Inhoudsvermoe l	Mass kg / Massa kg
FURNACE OIL BRANDOLIE		39 210	37 750

X0-3

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
37 - 016 148	1950
37 - 016 156	1950

Remarks / Opmerkings : Fitted with Steam Heating Elements / Toegerus met Elemente vir Stoomverwarming

Converted from / Omskep van	Date / Datum
X - 16	1960

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W 1/9382 W 1/9842 CDO SKETCH / SKETS 19	Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Bogie Type / Draaisteltipe	CANCAR		
Bearing Size / Laergrootte	10 × 5		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	8/0	Tank Material / Tenkmateriaal	SPEC SPES CME 9 SYM S M 8
Brake System / Remstelsel	V	Tank Lining / Tenkvoering	
Brake Cylinders / Remsilinders	(V) 1 / 21 (L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50) (L)	Originally designed for / Oorspronklik ontwerp vir	WATER TREACLE STROOP OIL OLIE
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 70 7/35,7 (L)	Converted for / Omskep vir	FURNACE OIL BRANDOLIE
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E	Revision / Hersiening	
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS	Date / Datum	

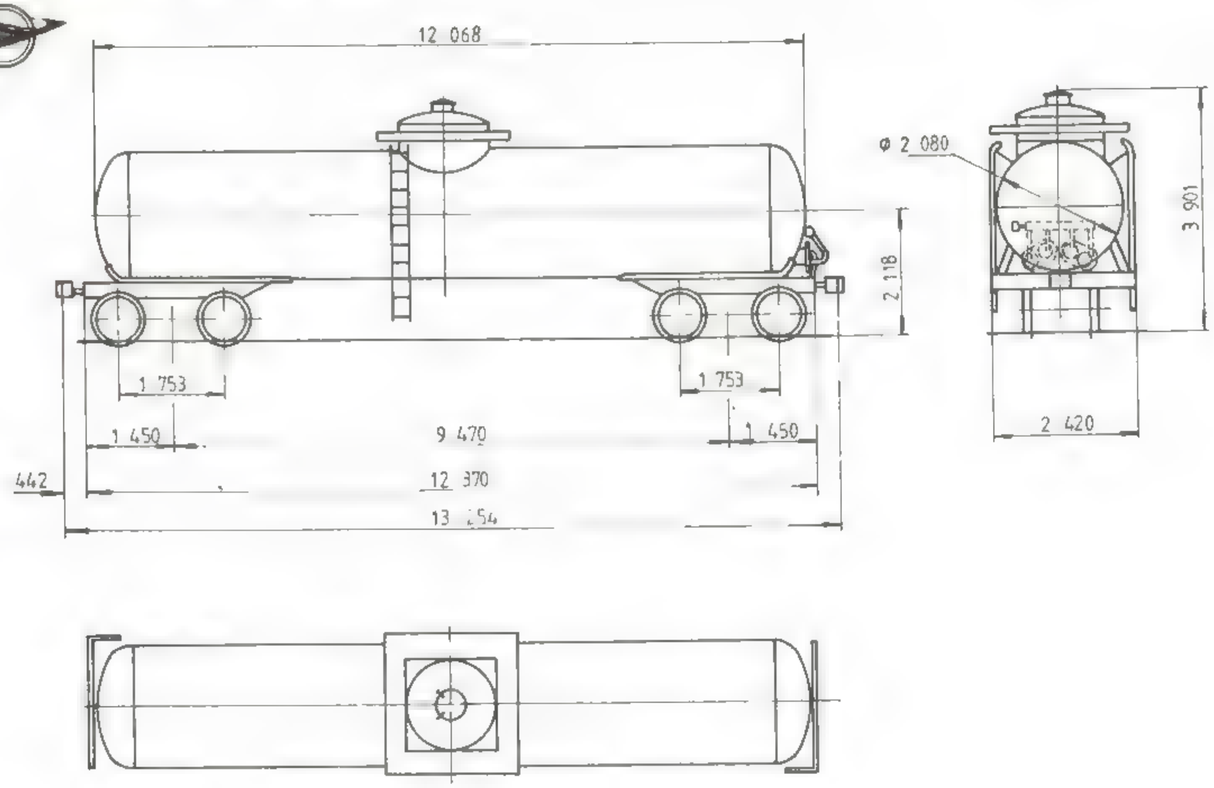
Capacity (full) / Inhoudsvermoe (vol)	Tare (Average) / Tarra (Gemiddeld) kg
22 050	2 610

Contents / Inhoud	Capacity / Inhoudsvermoe	Mass / Massa kg
FURNACE OIL / BRANDOLIE	22 050	21 230

XO - 4

XHO - 1

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting



Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
37 - 016 164 / 37 - 016 709	1979

Converted from / Omskep van	Date / Datum

Remarks / Opmerkings: Fitted with Steam Heating Elements / Toegerus met Elemente vir Stoomverwarming

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsituimtes kyk tekening nommer CME 240/12 - A99

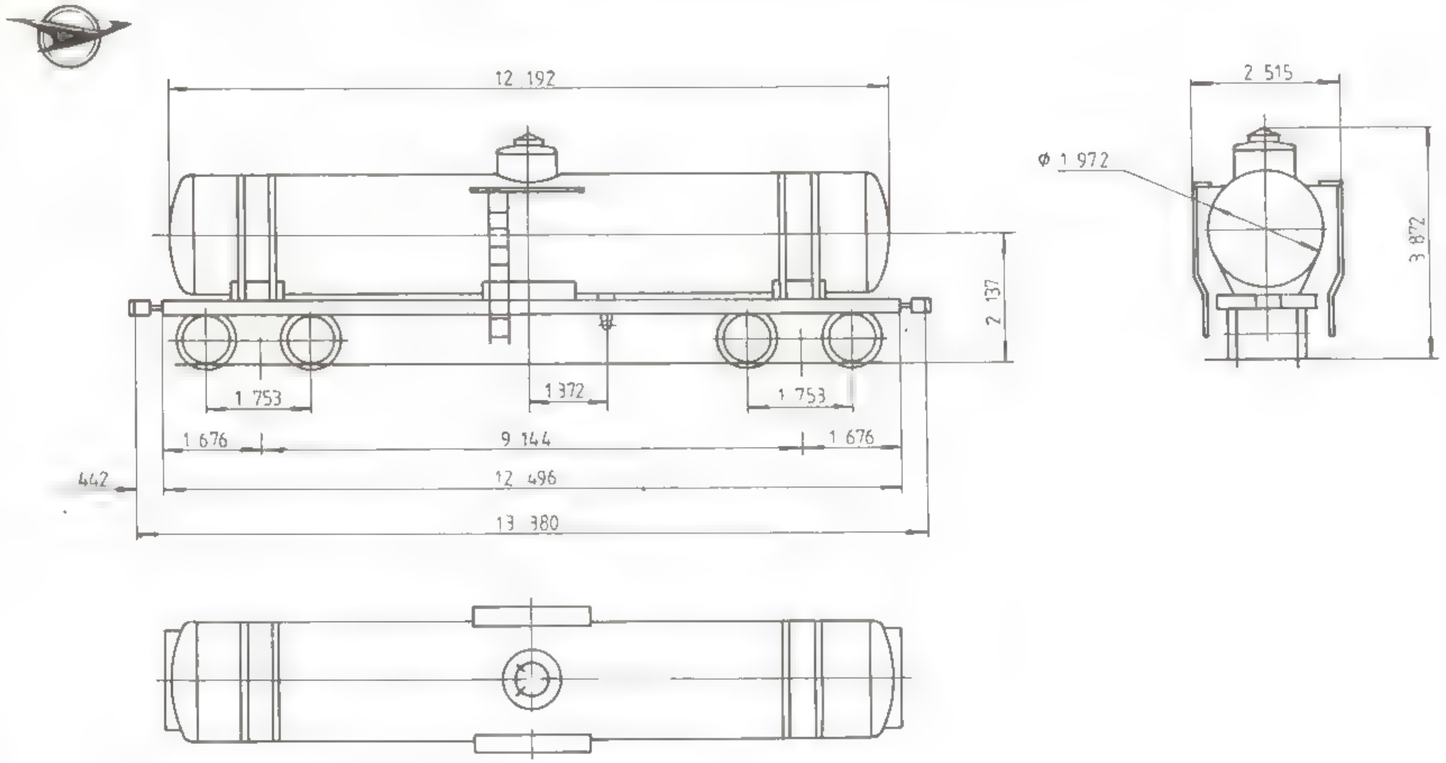
Drawing Number / Tekeningnommer	W001 / R002	
Bogie Type / Draaisteltipe	HS MK III	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 4	
Brake System / Remstelsel	V / R	
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 74,2 / 29,6	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 308				
Tank Material / Tenkmateriaal	SPEC CME 9 SPES	SYM 8 SIM			
Tank Lining / Tenkvoering					
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000				
Originally designed for / Oorspronklik ontwerp vir	FURNACE OIL / BRANDOLIE				
Converted for / Omskep vir					
Revision / Hersiening					
Date / Datum					

Capacity (full) / Inhoudsvermoe (vol) L	38 600	Tare (Average) kg / Tarra (Gemiddeld)	23 950
Contents / Inhoud		Capacity / Inhoudsvermoe L	Mass kg / Massa
DIESEL OIL / DIESELOLIE		38 600	76 050 MAX / MAK.

X0 - 5

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller



Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
37-011 006 / 37-011 278	1965 - 66

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussingrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel

A Dual Power - Automatic
Tweekrag - Outomaties

R Slack Adjuster
Remversteller

V Vacuum
Vakuum

L Air
Lug

D Dual Power - Manually operated
Tweekrag - Handbediening

XBO - 2

Remarks :- Fitted with Steam Heating Elements
Opmerkings :- Toegerus met Elemente vir Stoomverwarming

Converted from Omskep van	Date Datum
XO - 2 (ex X - 24)	1985 - 86

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number Tekeningnommer	CME 150/12 - A21
Bogie Type Draaisteltipe	SARCAST
Bearing Size Laergrootte	11 × 5 1/2
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	6/6
Brake System Remstelsel	V/R
Brake Cylinders Remsilinders	(V) 2/15 (L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 55 (L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 56,3 / 22,7 (L)
Drawgear Equipment Trekwerkuitrusting	AAR M901 E
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR SAS

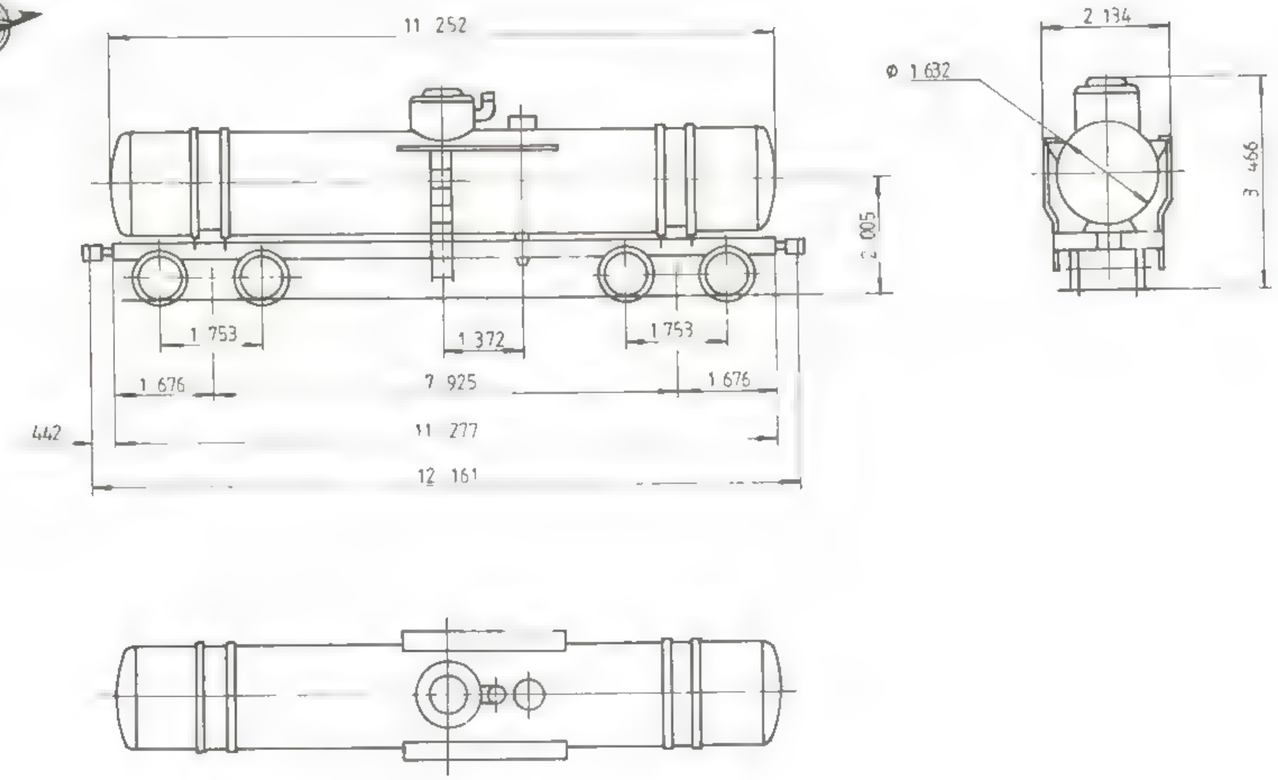
Centre of Gravity (Empty) Swaartepunt (Leeg)						
Tank Material Tenkmateriaal	[illegible]					
Tank Lining Tenkvoering						
Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor						
Originally designed for Oorspronklik ontwerp vir	WATER [illegible]					
Converted for Omskep vir	FURNACE OIL BRANDOLIE					
Revision Hersiening						
Date Datum						

Capacity (full) Inhoudsvermoë (vol) L	35 580	Tare (Average) kg Tarra (Gemiddeld)	22 640
Contents Inhoud		Capacity Inhoudsvermoë L	Mass Massa kg
FURNACE OIL BRANDOLIE		35 260	33 940

XOJ-2

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening



Remarks
Opmerkings :-

For actual loads, capacities and ullages see drawing number
Vir werklike vragte inhoudsvermoens en uitsituimtes kyk tekening nommer CME 240/12 - A99

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
38 - 013 002 / 38 - 014 122	1934 - 38
Converted from / Omskep van	Date / Datum

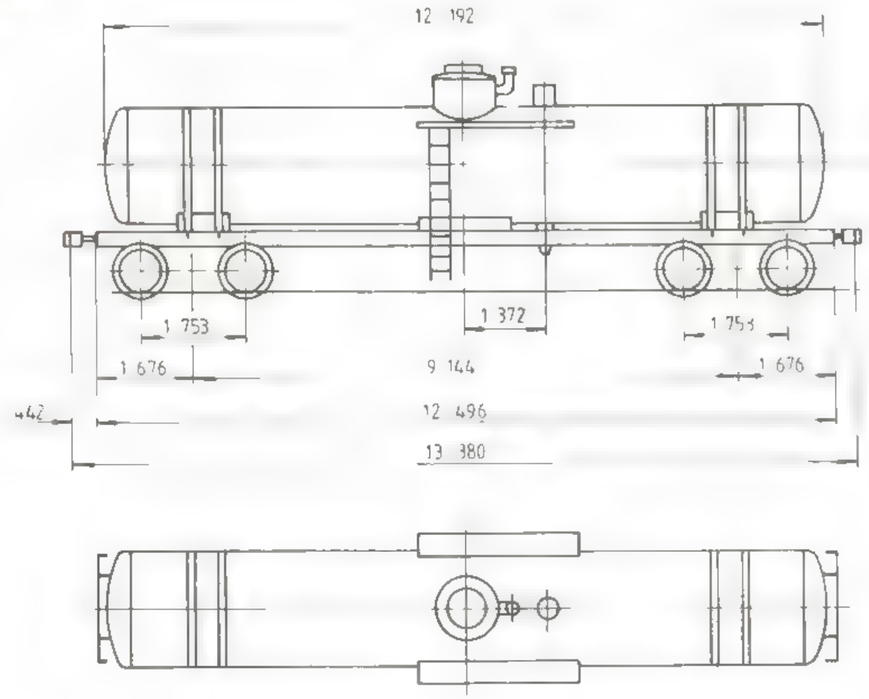
Drawing Number / Tekeningnommer	W 1 / 9244		
Bogie Type / Draaisteltipe	DIAMOND FRAME / RUITRAAM		
Bearing Size / Laergrootte	10 × 5	11 × 5 1/2	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	4 FLLIP		
Brake System / Remstelsel	V		
Brake Cylinders / Remsilinders	(V) 1 / 21	(L)	
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50)	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 82 6 / 40 4	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		

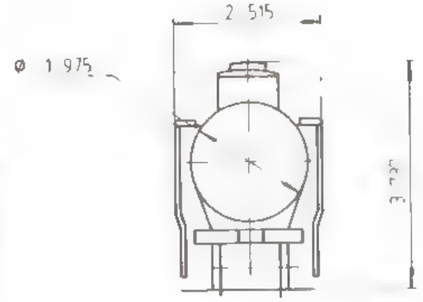
Centre of Gravity (Empty) / Swaartepunt (Leeg)					
Tank Material / Tenkmateriaal	SPEC / SPES CME 9	SYM / SIM 8			
Tank Lining / Tenkvoering					
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor					
Originally designed for / Oorspronklik ontwerp vir	PETROL				
Converted for / Omskep vir					
Revision / Hersiening					
Date / Datum					

Capacity (full) / Inhoudsvermoe (vol) l	22 880	Tare (Average) kg / Tarra (Gemiddeld)	18 500
Contents / Inhoud		Capacity / Inhoudsvermoe l	Mass / Massa kg
PETROL		22 500	19 350

XP - 6

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting





Vehicle Numbers / Voertuignommers		Placed in Service / In Gebruik Geneem
⊖⊖	38-015 005 / 38-017 377	1936 - 1942
◐⊖	38-017 385 / 38 017 [illegible]	1952
◐	38-017 938 / 38-018 977	1947 - 49
◐⊖	38-018 985 / 38-020 602	1953 - 54
◐◐	38 020 610 / 38 021 706	1955 - 58
◐	38-021 714	1965

Remarks
Opmerkings

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoens en uitsituimtes kyk tekening nommer CME 240/12 - A99

Converted from / Omskep van	Date / Datum

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Drawing Number / Tekeningnommer	W 1/9405 w 1/10931	w 1/9843 CE No A 1/14892		
Bogie Type / Draaisteltipe	DAM FRAME RUITRAAM	◐ CANCAR	◑ AR AST	
Bearing Size / Laergrootte	⊖ 11 x 5½	⊖ 10 x 5	10 x 5	10 x 5
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	4 ELLIP	8 / 0	6 / 0	
Brake System / Remstelsel	V			
Brake Cylinders / Remsilinders	(V) 2/18	(L)		
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50)	(L)		
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	◐ 117 6 / 45 8 ◑ 79,8 / 32,1 ⊖ 111,7 / 44,8	(L)		
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E			
Coupler / Yoke / Koppelaar / Juk	SASKOP S AR SAS			

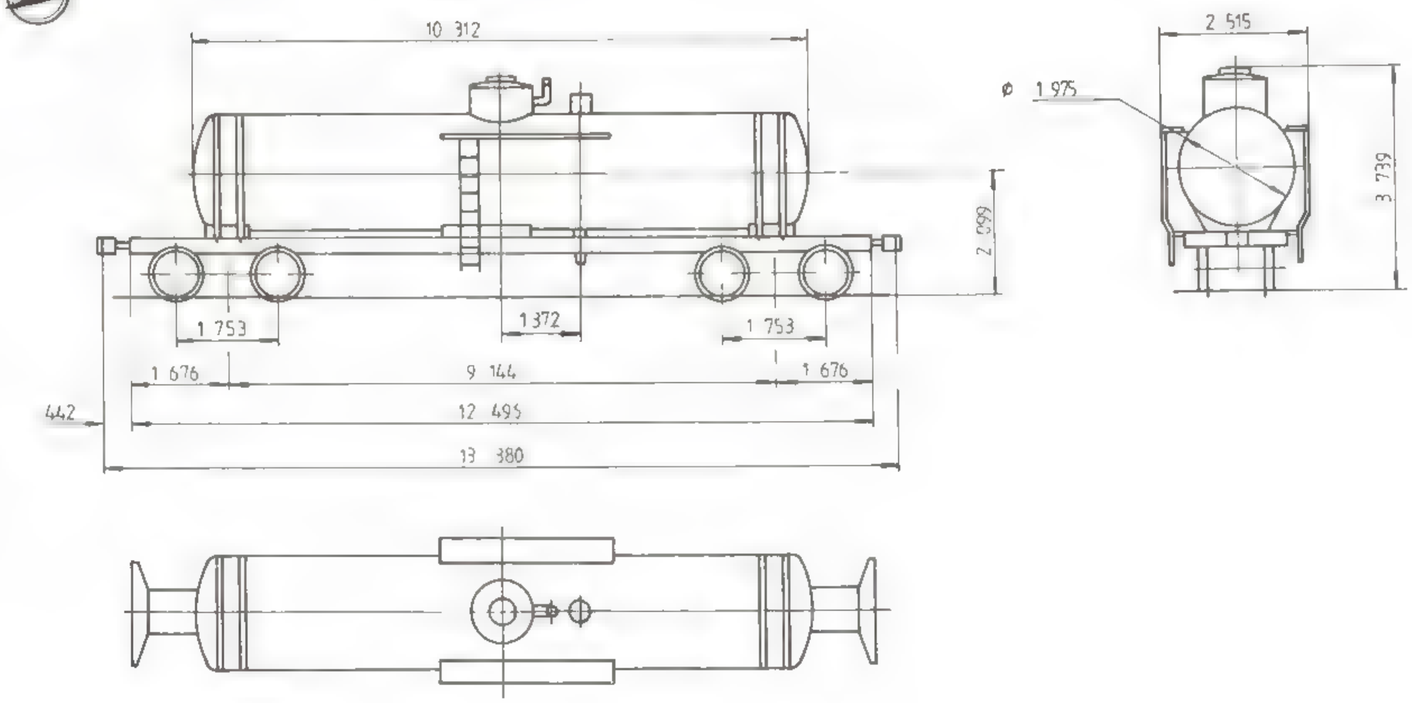
Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 132					
Tank Material / Tenkmateriaal	SPEC / SPES CME 9	SYM / SIM 8				
Tank Lining / Tenkvoering						
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor						
Originally designed for / Oorspronklik ontwerp vir	PETROL					
Converted for / Omskep vir						
Revision / Hersiening						
Date / Datum						

Capacity (full) / Inhoudsvermoe (vol) L	36 740	Tare (Average) / Tarra (Gemiddeld) kg	21 070 ◐ 19 940
Contents / Inhoud		Capacity / Inhoudsvermoe L	Mass / Massa kg
PETROL		36 330	31 240

XP - 7

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller



Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
38-021 986 , 38-021 994	1938

Remarks / Opmerkings

Converted from / Omskep van	Date / Datum
XM-2 (ex XP-8)	1972

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsituimtes kyk tekening nommer CME 240/12-A99

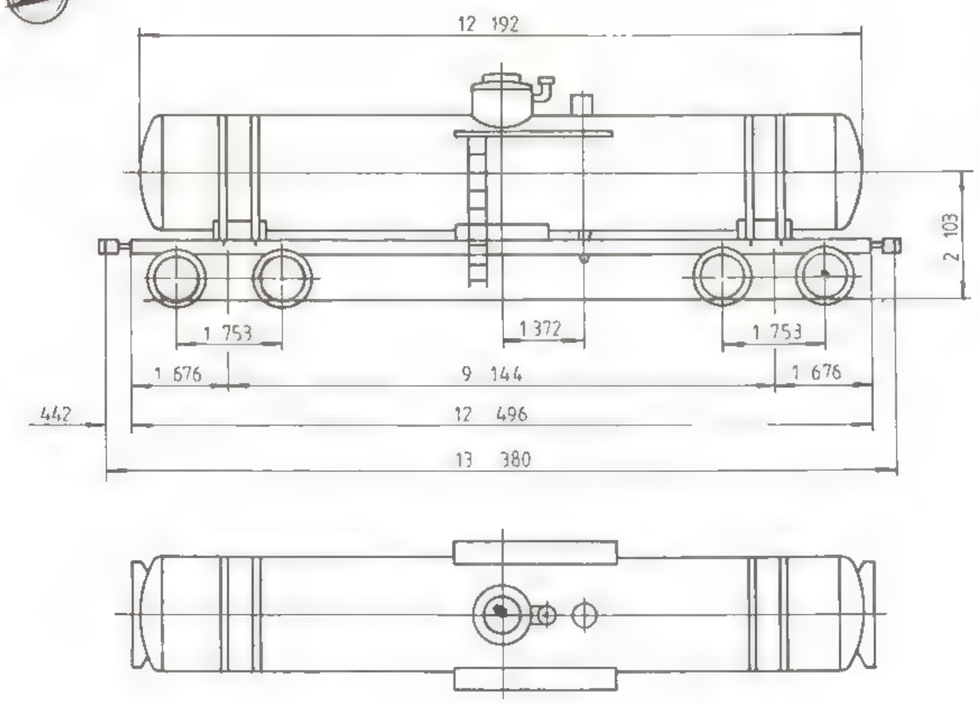
Drawing Number / Tekeningnommer	W 1 / 9721
Bogie Type / Draaisteltipe	DIAMOND FRAME / RJITRAAM
Bearing Size / Laergrootte	11 × 5½
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	4 ELLIP
Brake System / Remstelsel	V
Brake Cylinders / Remsilinders	(V) 2 / 15 (L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50) (L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 77,8 / 34,1 (L)
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR-SAS

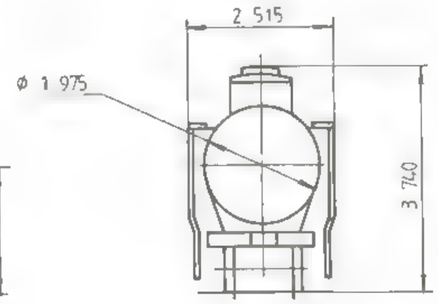
Centre of Gravity (Empty) / Swaartepunt (Leeg)					
Tank Material / Tenkmateriaal	SPEC / SPES CME 9	SYM / S M 8			
Tank Lining / Tenkvoering					
Design Limit-Mass on Rail kg / Ontwerplimiet-Massa op Spoor					
Originally designed for / Oorspronklik ontwerp vir	PETROL				
Converted for / Omskep vir					
Revision / Hersiening					
Date / Datum					

Capacity (full) / Inhoudsvermoe (vol) l	31 070	Tare (Average) kg / Tarra (Gemiddeld)	20 660
Contents / Inhoud		Capacity / Inhoudsvermoe l	Mass / Massa kg
PETROL		30 730	26 430

XP - 8

94





Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
38 - 022 001 / 38 - 025 272	1955 - 56

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussinginrigting

Brake System - Remstelsel
A Dual Power-Automatic Tweekrag-Outomaties Slack Adjuster Remversteller
V Vacuum Vakuum
L Air Lug
D Dual Power - Manually operated Tweekrag - Handbediening

Remarks
Opmerkings :-

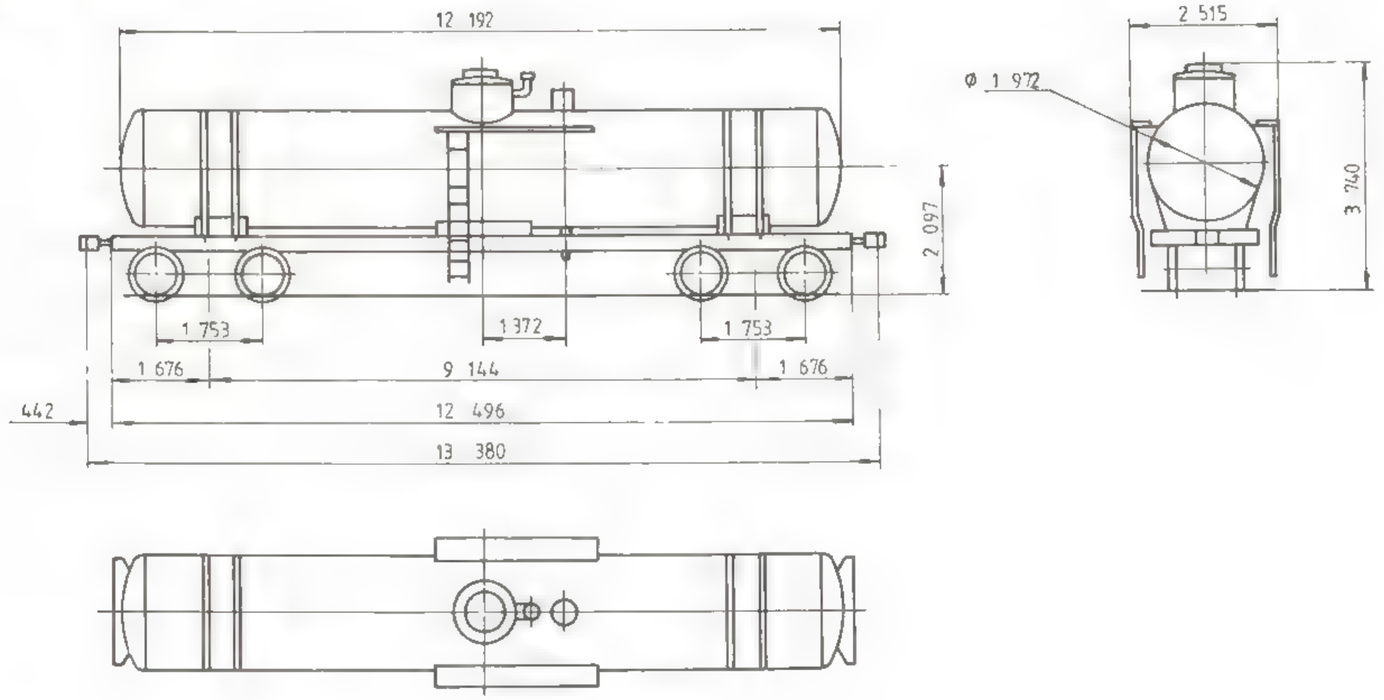
For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoens en uitsituimtes kyk tekening nommer CME 240/12 - A99

Converted from Omskep van	Date Datum

Drawing Number Tekeningnommer	C.E. No A 2/15899		Centre of Gravity (Empty) Swaartepunt (Leeg)	1152		Capacity (full) Inhoudsvermoe(vol)	36 700 l	Tare (Average) kg Tarra (Gemiddeld)	20 340
Bogie Type Draaisteltipe	E S C					Contents Inhoud		Capacity Inhoudsvermoe	Mass kg Massa
Bearing Size Laergrootte	10 x 5					PETROL		36 340	31 250
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	6 / 6		Tank Material Tenkmateriaal	PEC SPES CME 9	ZM SM 8				
Brake System Remstelsel	V		Tank Lining Tenkvoering						
Brake Cylinders Remsilinders	(V) 2 / 18	(L)	Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor						
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50)	(L)	Originally designed for Oorspronklik ontwerp vir	PETROL					
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 82,7 / 32,6	(L)	Converted for Omskep vir						
Drawgear Equipment Trekwerkuitrusting	AAR M 901 E		Revision Hersiening						
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR - SAS		Date Datum						

XP-9

95



Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
38 - 026 007 / 38 - 032 902	1958 - 63

Remarks
Opmerkings :-

Converted from Omskep van	Date Datum

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number Tekeningnommer	W 1 / 10931
Bogie Type Draaisteltipe	SARCAST
Bearing Size Laergrootte	10 × 5
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	6 / 0
Brake System Remstelsel	V
Brake Cylinders Remsilinders	(V) 2 / 18 (L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50) (L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 80 / 32,3 (L)
Drawgear Equipment Trekwerkuitrusting	AAR M901 E
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR - SAS

Centre of Gravity (Empty) Swaartepunt (Leeg)	1 162				
Tank Material Tenkmateriaal	SPEC CME 9 SYM 8 SPES SIM				
Tank Lining Tenkvoering					
Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor					
Originally designed for Oorspronklik ontwerp vir	PETROL				
Converted for Omskep vir					
Revision Hersiening					
Date Datum					

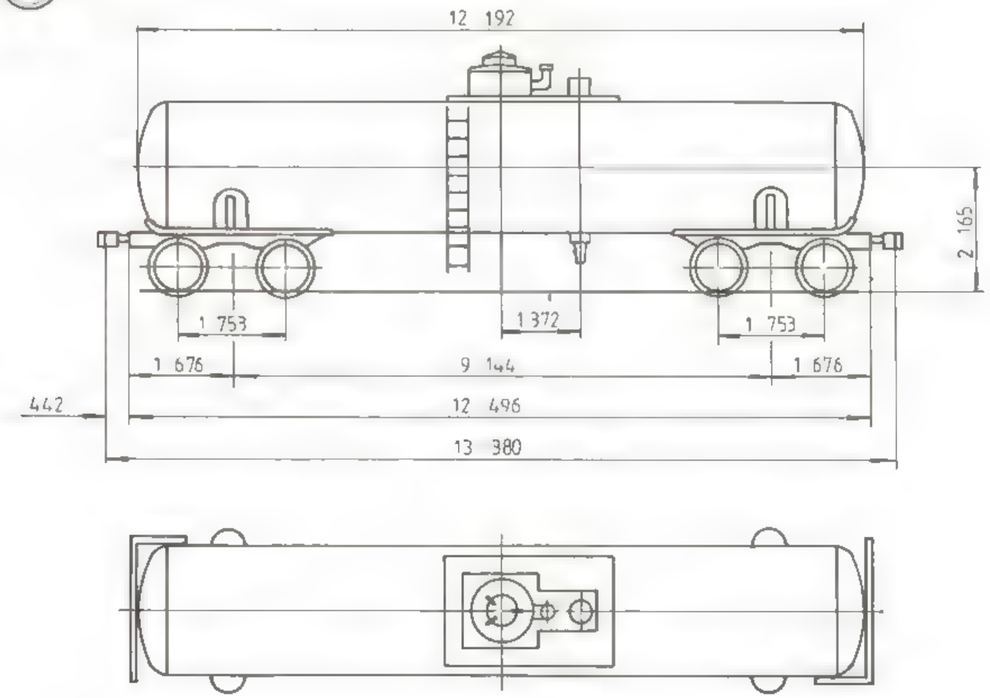
Capacity (full) l Inhoudsvermoë (vol) l	36 490	Tare (Average) kg Tarra (Gemiddeld) kg	21 010
Contents Inhoud		Capacity l Inhoudsvermoe l	Mass kg Massa kg
PETROL		36 130	31 070

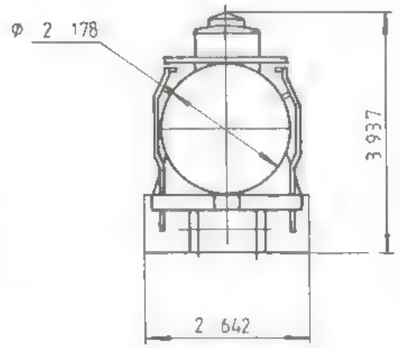
XP - 10

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remverstelier

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kus■■ginrigtin■
SSC Centre sill hydraulic cushioning de■■e / Middelbalk hidroulies kussingnrigting

96





Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
38 - 036 002 / 36 - 036 657	1968 - 69

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Remarks / Opmerkings :

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12 - A99

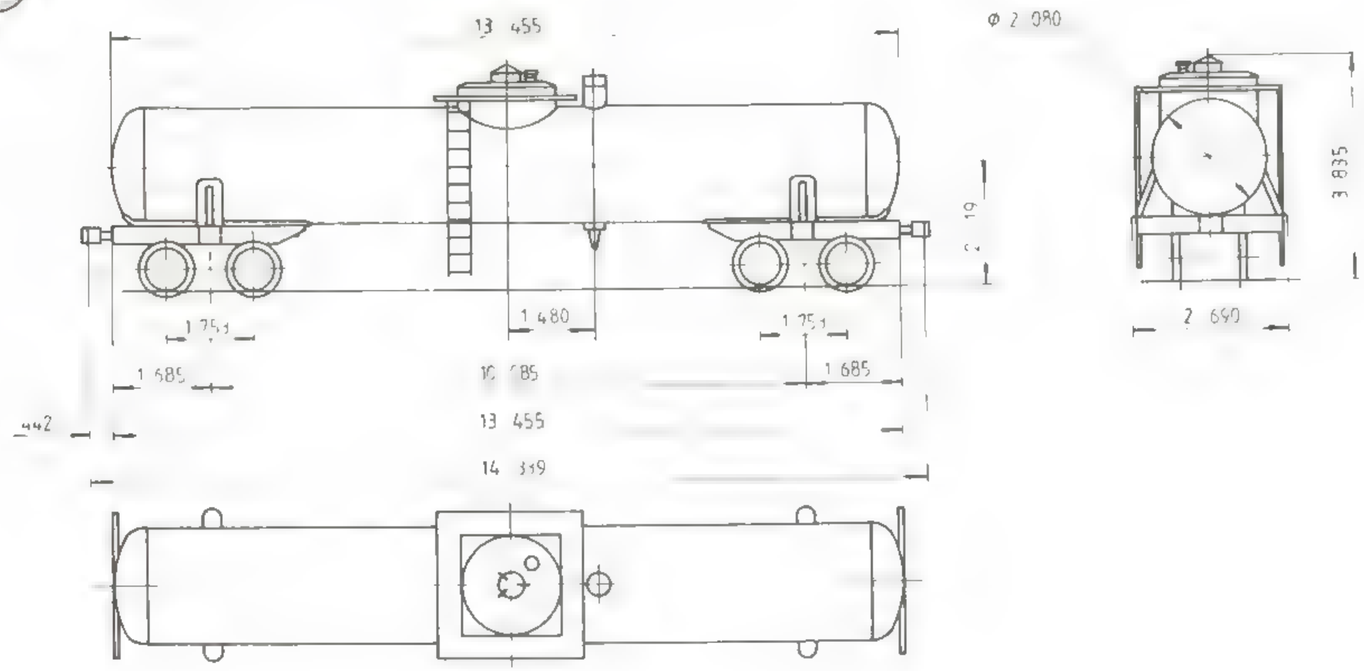
Converted from / Omskep van		Date / Datum	

Drawing Number / Tekeningnommer	W 1 / 20075			Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 286			Capacity (full) / Inhoudsvermoe (vol)	l	44 530	Tare (Average) / Tarra (Gemiddeld) kg	20 620
Bogie Type / Draaisteltipe	SPOORBARBER							Contents / Inhoud			Capacity / Inhoudsvermoe	l	Mass / Massa kg
Bearing Size / Laergrootte	C							PETROL			43 770		37 640
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 4			Tank Material / Tenkmateriaal	SPEC / SPES CME 9	SYM / SIM 8							
Brake System / Remstelsel	"			Tank Lining / Tenkvoering									
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)		Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor									
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)		Originally designed for / Oorspronklik ontwerp vir	PETROL								
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 75 / 26,6	(L)		Converted for / Omskep vir									
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E			Revision / Hersiening									
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS			Date / Datum									

XP - 13

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remsteisel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller



Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
38 - 036 703 / 38 - 039 966	1973 - 74

Remarks / Opmerkings :

Converted from / Omskep van	Date / Datum

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W 001 / M001	
Bogie Type / Draaisteltipe	SPOORBARBER	
Bearing Size / Laergrootte	C	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 4	
Brake System / Remsteisel	V / R	
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 74,8 / 27,38	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS	

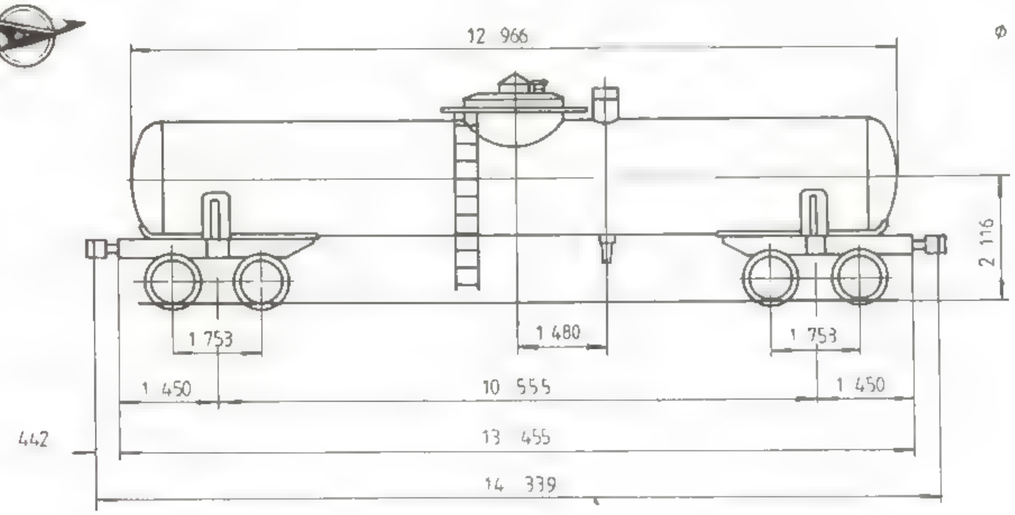
Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 302				Capacity (full) / Inhoudsvermoe(vol)	44 420 l
					Contents / Inhoud	Capacity / Inhoudsvermoe
					PETROL	44 420 l
Tank Material / Tenkmateriaal	B S 1501 - 151 GR 28A					
Tank Lining / Tenkvoering						
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000					
Originally designed for / Oorspronklik ontwerp vir	WHITE PETROLEUM PRODUCTS / WIT PETROLEUMPRODUKTE					
Converted for / Omskep vir						
Revision / Hersiening						
Date / Datum						

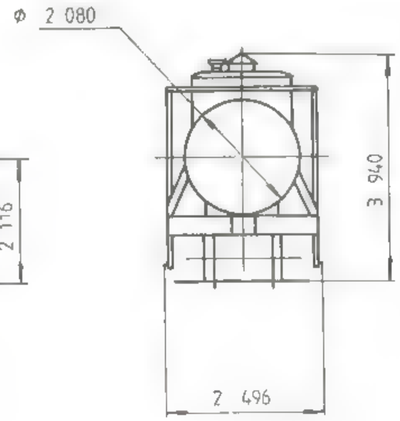
Tare (Average) kg / Tarra (Gemiddeld)	22 420
Mass kg / Massa	3 580 MAX / MAKS

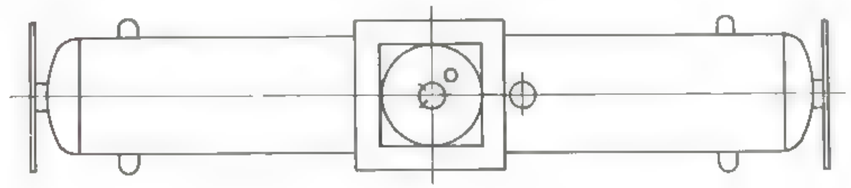
XP - 16

98

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting







Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
◑ 38 - 041 111 / 38 - 041 618 ◐ 38 - 041 626 / 38 - 042 169	1978

Remarks / Opmerkings:
◑ EPOXY - RESIN BASE PAINT / EPOKSIHARSBASIS VERF (EP.DERMIX 330)
◐ EPOXY ENAMEL WHITE COATING / WIT EPOKSI – EMALJEBEDEKKING (DULUX HIGHEM ENAMEL)

Converted from / Omskep van	Date / Datum

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W 001 / V 014
Bogie Type / Draaisteltipe	SPOORBARBER "HYBRID"
Bearing Size / Laergrootte	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 - 4
Brake System / Remstelsel	V - L
Brake Cylinders / Remsilinders	(V) 2 / 18 (L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50) (L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 72,6 / 27,2 (L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - A

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 315					
Tank Material / Tenkmateriaal	SPEC / SPES CME 9	SYM / SIM 8				
Tank Lining / Tenkvoering	◒					
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000					
Originally designed for / Oorspronklik ontwerp vir	WHITE PETROLEUM PRODUCTS / WIT PETROLEUMPRODUKTE					
Converted for / Omskep vir						
Revision / Hersiening						
Date / Datum						

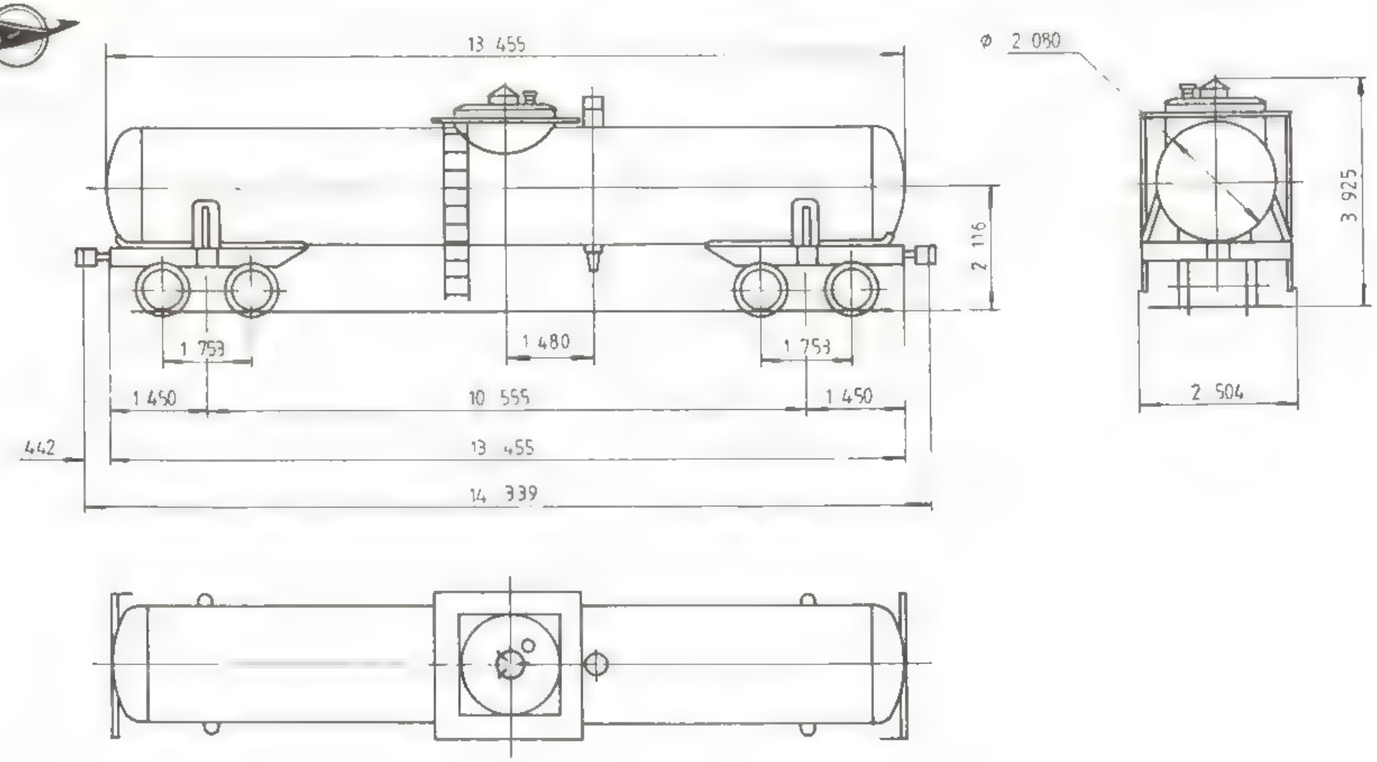
Capacity (full) / Inhoudsvermoe (vol) L	42 390	Tare (Average) kg / Tarra (Gemiddeld)	22 480
Contents / Inhoud		Capacity / Inhoudsvermoe L	Mass / Massa kg
PETROL		42 390	60 520 MAX / MAKS
JET FUEL / STRALERBRANDSTOF ◒		42 390	60 520 MAX / MAKS

XP - 17

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power – Manually operated / Tweekrag – Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
■ Slack Adjuster / Remversteller

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System -- Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller



Remarks
Opmerkings :-

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoens en uitsituimtes kyk tekening nommer CME 240/12-A99

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
38 - 039 974 / 38 - 041 057	1978

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	W 001 / M003		
Bogie Type / Draaisteltipe	H S MK III		
Bearing Size / Laergrootte	D		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 4		
Brake System / Remstelsel	V. R		
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 74 / 28	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1236					
Tank Material / Tenkmateriaal	BS. 1501 - 151 GR 28					
Tank Lining / Tenkvoering						
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000					
Originally designed for / Oorspronklik ontwerp vir	WHITE PETROLEUM PRODUCTS / WIT PETROLEUMPRODUKTE					
Converted for / Omskep vir						
Revision / Hersiening						
Date / Datum						

Capacity (full) / Inhoudsvermoe(vol) L	44 420	Tare (Average) kg / Tarra (Gemiddeld)	22 580
Contents / Inhoud		Capacity / Inhoudsvermoë L	Mass / Massa kg
PETROL		44 420	37 420 MAX / MAKS

XP-18

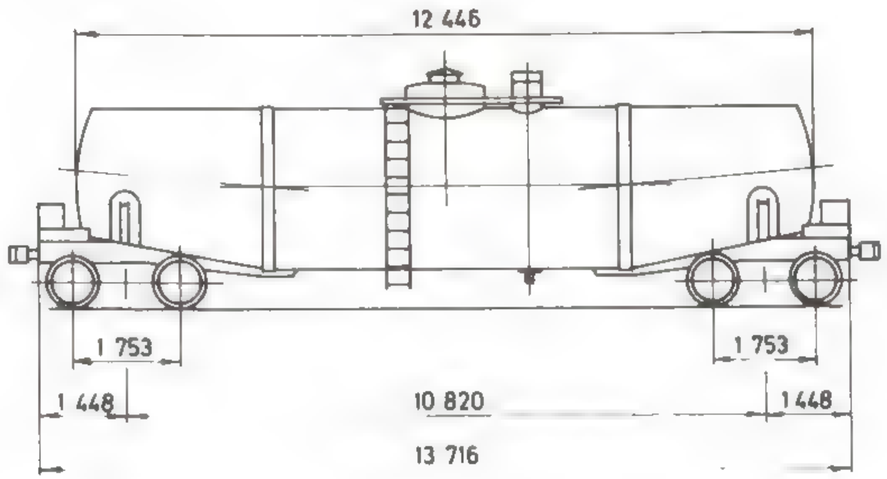
Code - Kode

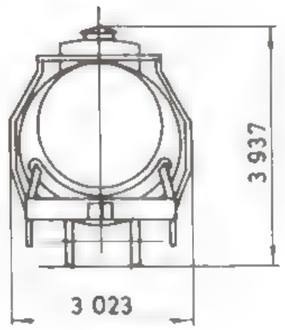
The second or third letter denotes :-
Die tweede of derde letter dui aan :-

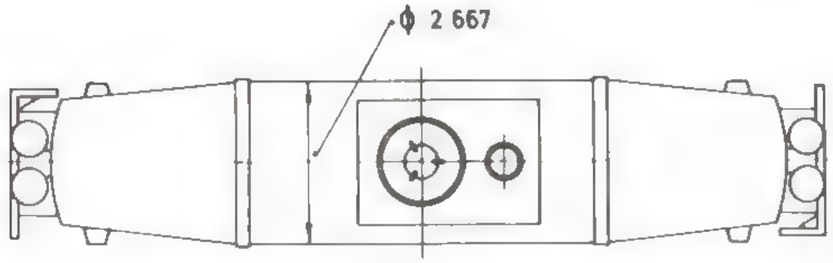
D Dual Power Vacuum Brake
Tweekragvakuumrem
L Air Brake
Lugdrukrem

R Dual Power Air Brake
Tweekragluqdrukrem
Short Wagons
Korttrokke

For actual loads and ullages see drawing number
Vir werklike vragte en uitsitruimtes kyk tekening nommer CME. 240/12 - A99







Remarks :- ◒ Tanks lined with epoxy-resin base paint
Opmerkings Tenke uitgevoer met verf met epoksiharsbasis (Epilux 4)

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
◒ 38-500 000 / 38-500 647	1969
38-500 655 / 38-500 973	1969

Drawing Number / Tekeningnommer	W1/20076
Bogie Type / Draaistelitipe	SPOORBARBER
Bearing Size / Laergrootte	D
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	◓ 10/8 ◒ 10/10
Brake System / Remstelsel	V/D/M
Brake Cylinders / Remsilinders	4/18
Train Pipe / Treinpyp	65
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	63-5/ ◓ 45 1 OR/OF ◒ 43 0
Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 410
Originally designed for / Oorspronklik ontwerp vir	PETROL JET FUEL / STRALERBRANDSTOF

Tare (Average) / Tarra (Gemiddeld) kg : 25 540

Contents / Inhoud	Capacity / Inhoudsvermoe L	Mass / Massa kg
	62 070	
◓ PETROL	61 140	45 240
◒ JET FUEL / STRALERBRANDSTOF	60 920	48 740
DIESEL OIL / DIESELOLIE	54 090	45 440
◒ DIESEL OIL / DIESELOLIE	56 790	47 700

Revision / Herstening							
Date / Datum							

XPD-14

S.A.R. - S.A.S.

Brake System - Remstelsel

W Vacuum / Vakuum
L Air / Lug
D Dual Power / Tweekrag
W Variable / Veranderlik

M Manually-operated / Handbediening
R Slack Adjuster / Remverstelier

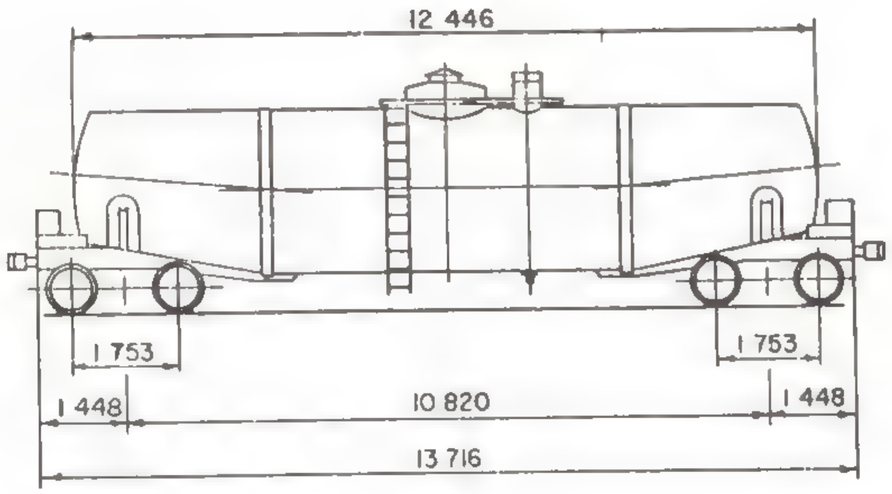
XP-14

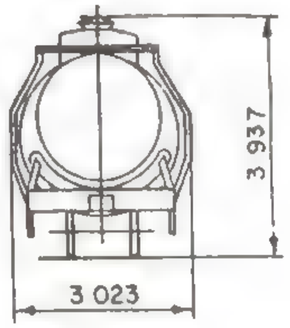
Code - Kode

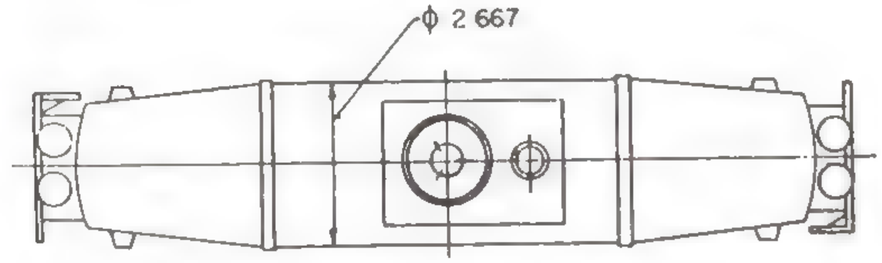
The second or third letter denotes :-
Die tweede of derde letter dui aan -

D Dual Power Vacuum Brake
Tweekragvakuumrem
L Air Brake
Lugdrukrem
A Dual Power Air Brake
Tweekragluchtdrukrem
E Short Wagons
Kortwaens

For actual loads and ullages see drawing number
Vir werklike vragte en uitsitruimtes kyk tekening nommer CME 240/12-A99







Remarks :- ◒ Tanks lined with epoxy-resin base paint
Opmerkings Tenke uitgevoer met verf met epoksiharsbasis (Epilux 4)

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
◔ 38-501 007 / 38-501 023	1971-72
◑ 38-501 066 / 38-502 917	1971-72
◑ 38-502 984 / 38-503 190	1971-72
◑◔ 38-502 925 / 38-502 976	1971
◑◔ 38-501 031, 38-501 058	1971
◒◔ 38-503 204 / 38-506 483	1972-73

Brake System - Remstelsel
V Vacuum Vakuum
L Air Lug
D Dual Power Tweekrag
W Variable Veranderlik

M Manually-operated Handbediening
■ Slack Adjuster Remverstelller

Drawing Number / Tekeningnommer	W 001 / D 005
Bogie Type / Draaistelfipe	SPOORBARBER
Bearing Size / Laergrootte	D
Springs per Bogie Outer / inner / Vere per Draaistel Buite / Binne	◓ 10/8 ◒ 10/10
Brake System / Remstelsel	V/D/M/R
Brake Cylinders / Remsilinders	4/18
Train Pipe / Treinpyp	65
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	58,3/ ◓ 43,9 ◒ 42,2 ◐ 43,5
Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 342
Originally designed for / Oorspronklik ontwerp vir	PETROL JET FUEL STRALERBRANDSTOF

Tare (Average) kg / Tarra (Gemiddeld) kg	25 940	
Contents / Inhoud	Capacity / Inhoudsvermoë L	Mass / Massa kg
	61 640	
◓ PETROL	60 860	45 040
◒ JET FUEL / STRALERBRANDSTOF	59 920	47 940
◐ PARAFFIN OIL / PARAFFIENOLIE	60 940	45 710
DIESEL OIL / DIESELOLIE	54 160	45 490
◒ DIESEL OIL / DIESELOLIE	56 950	47 840

Revision / Hersiening							
Date / Datum							

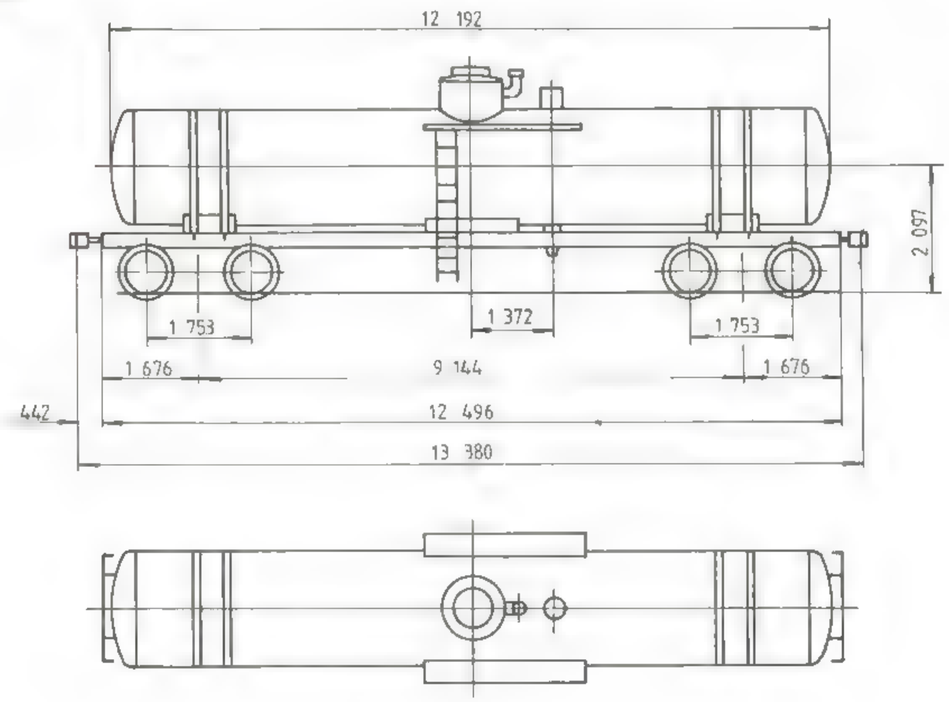
XPD-15

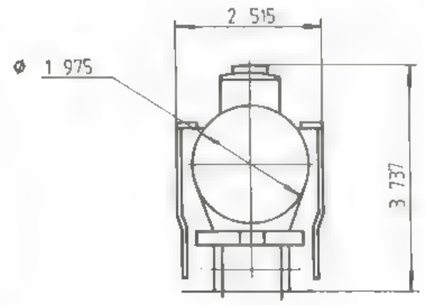
S.A.R. - S.A.S. [redacted]

102

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening





Vehicle Numbers / Voertuignommers		Placed in Service / In Gebruik Geneem
◒	38-015 005 / 38-017 377	1936 - 1942
◒◒	38-017 385 / 38-017 911	1952
◒◒	38-017 938 / 38-018 977	1947 - 49
◒◒	38 018 985 / 38-020 602	1953 - 54
◒◒	38 020 610 / 38-021 706	1955 - 58
◒	38-021 714	1949

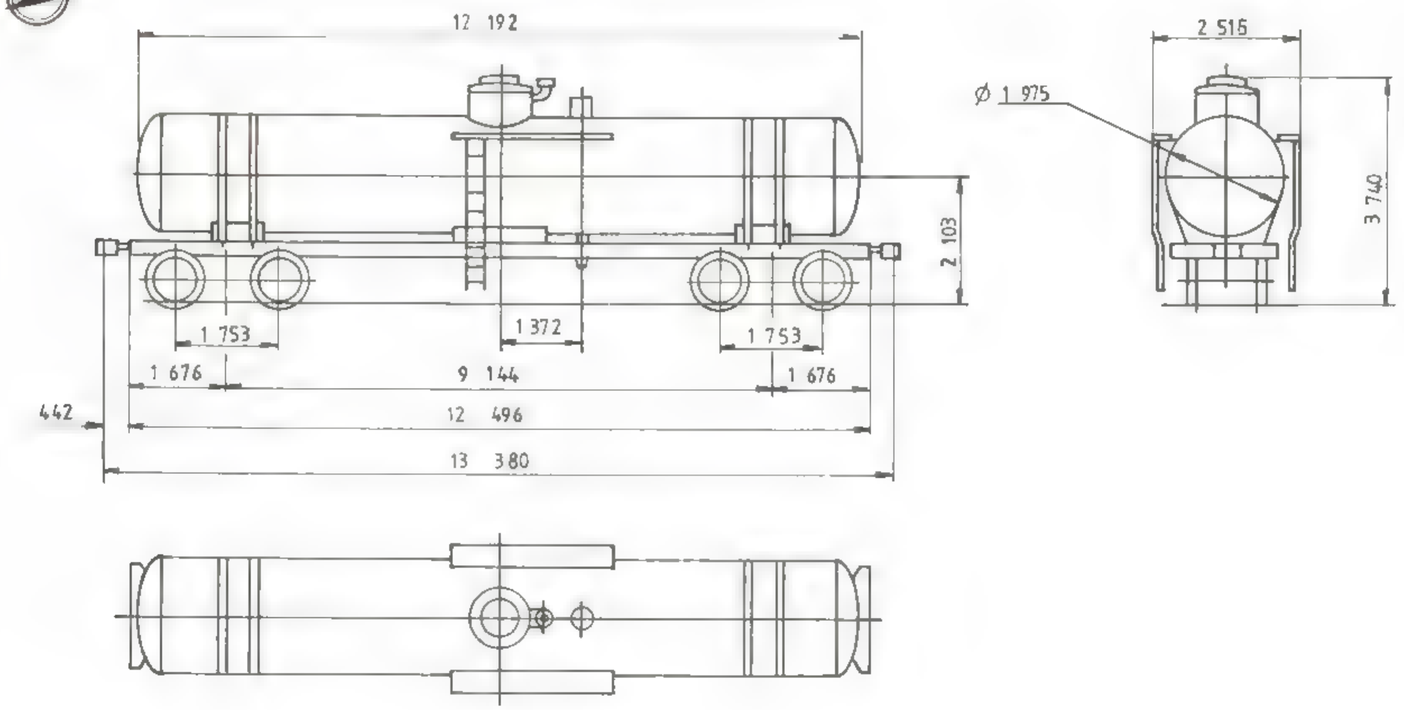
Remarks / Opmerkings :-

Converted from / Omskep van	Date / Datum
XP-7	1985-

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsituimtes kyk tekening nommer CME 240/12-A99

Drawing Number / Tekeningnommer	W1/9405 W1/10931	W1/9843 CE No A1/14892		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 132	Capacity (full) / Inhoudsvermoe(vol) L	36 740	Tare (Average) / Tarra (Gemiddeld) kg	21 070 ◒ 19 940
Bogie Type / Draaisteltipe	DIAM FRAME RUITRAAM	◒ CANCAR	◑ SAR AST			Contents / Inhoud		Capacity / Inhoudsvermoe L	Mass / Massa kg
Bearing Size / Laergrootte	◒ 11 x 5½ ◒ 10 x 5	10 x 5	10 x 5			PETROL		36 330	31 240
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	4 ELL P	8 / 0	6 / 0	Tank Material / Tenkmateriaal	SPEC CME 9 SPES	SYM 8 SIM			
Brake System / Remstelsel	V/R			Tank Lining / Tenkvoering					
Brake Cylinders / Remsilinders	(V) 2/15	(L)		Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor					
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50)	(L)		Originally designed for / Oorspronklik ontwerp vir	PETROL				
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 52,3/21,1	(L)		Converted for / Omskep vir					
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E			Revision / Hersiening	1				
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS			Date / Datum	86-12-19				

XPJ-7



Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
38 - 022 001 / 38 - 025 272	1955 - 56

Remarks
Opmerkings :-

Converted from Omskep van	Date Datum
XP - 9	88/89

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoens en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Drawing Number Tekeningnommer	C.E. No A.2/15899		Centre of Gravity (Empty) Swaartepunt (Leeg)	1132		Capacity (full) Inhoudsvermoe(vol)	L 36 700	Tare (Average) Tarra(Gemiddeld) kg	20 330
Bogie Type Draaisteltipe	E S C.					Contents Inhoud		Capacity Inhoudsvermoë	L Mass Massa kg
Bearing Size Laergrootte	10× 5					PETROL.		36 340	31 250
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	6 / 0		Tank Material Tenkmateriaal	SPEC CME 9 SYM B SPES SIM					
Brake System Remstelsel	V / R		Tank Lining Tenkvoering						
Brake Cylinders Remsilinders	(V) 2 / 18	(L)	Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor						
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50)	(L)	Originally designed for Oorspronklik ontwerp vir	PETROL					
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 59,1 / 23,3	(L)	Converted for Omskep vir						
Drawgear Equipment Trekwerkuitrusting	AAR M 901 E		Revision Hersiening						
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR - SAS		Date Datum						

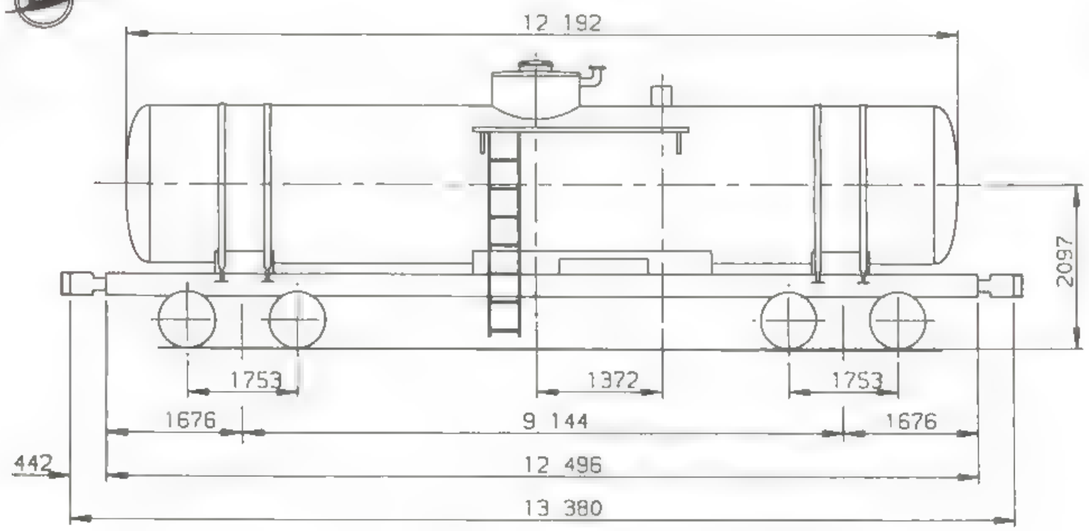
XPJ - 9

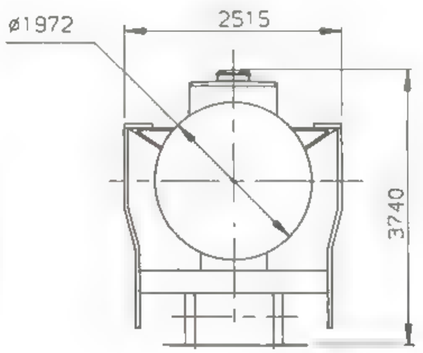
104

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting





Remarks
Opmerkings

For actual loads, capacities and ullages see drawing number
vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12-A99

Vehicle Numbers / Voertuignommers	Placed In Service / In Gebruik Geneem
38-026 007 /38-032 902	1958-63

Converted from / Omskep van	Date / Datum
XP 10	1990-

Brake System - Remstelsel

A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remverstelter
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

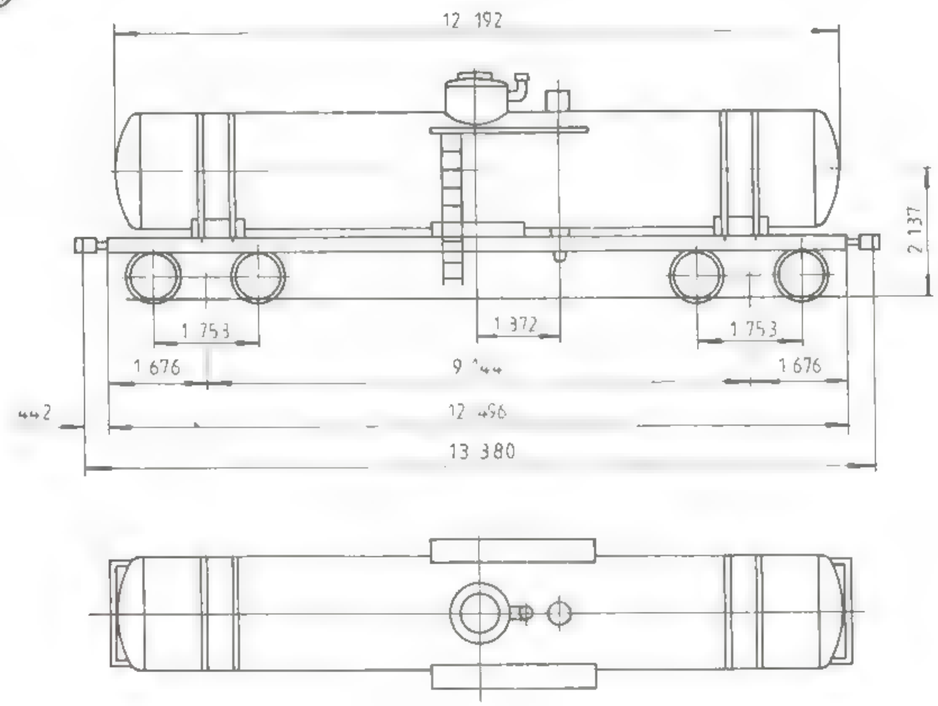
Drawing Number / Tekeningnommer		W.1/10931	
Bogie Type / Draaistelltipe		SPOORBARBER	
Bearing Size / Laergrootte		C	
Srings per Bogie / Vere per draaistel	Outer / Inner / Buite / Binne	10/0	
Brake System / Remstelsel		V/R	
Brake Cylinders / Remsilinders		(V) 2x18	(L)
Train Pipe/Treinpyp / Brake Pipe/Rempyp		(V) 65 (50)	(L)
Brake Percentage / Rempersentasie	Empty/Loaded / Leeg/Met Vrag	(V) 58,1/23,4	(L)
Drawgear Equipment / Trekwerkuitrusting		AAR M901 E	
Coupler/Yoke / Koppelaar/Juk		SASKOP-S /SAR-SAS	

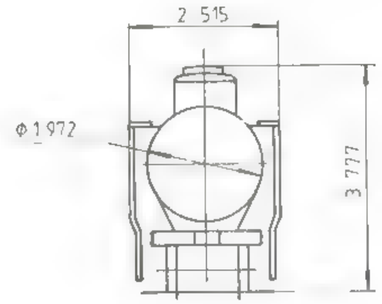
Centre of Gravity (Empty) / Swaartepunt (Leeg)		1162		Capac ty(full) / Inhoudsvermoë(vol.)	l	36 490	Tare(Average) / Tarra(Gemiddeld)	kg	21 010
				Contents / Inhoud			Capacity / Inhoudsvermoe - l		Mass / Massa kg
				PETROL			36 130		31 070
Tank Materiaal / Tenkmateriaal		SPEC SPEC CME 9 SYM SIM 8							
Tank Linning / Tenkvoering									
Design Limit-Mass on rail / Ontwerplimiet-Massa op Spoor	kg								
Originally designed for / Oorspronklik ontwerp vir		PETROL							
Coverted for / Omskep vir									
Revision / Hersiening									
Date / Datum									

XPJ-10

CAD-No. BOOK

105





Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
38 - 033 003 / 38 - 034 301	1963 - 64

Drawgear Equipment — Trekwerkuitrusting

KK Coupler hydraulic cushioning device — Koppelaar hidroulliese kussingrigting

SSC Centre sill hydraulic cushioning device — Middelbalk hidroulliese kussingrigting

Brake System - Remstelsel

V Vacuum — Vakuum
L Air — Lug
D Dual Power - Manually operated — Tweekrag - Handbediening
A Dual Power - Automatic — Tweekrag - Outomaties
■ Slack Adjuster — Remversteller

Remarks
Opmerkings :

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Converted from Omskep van	Date Datum
XP - 11	1984 - 86

Drawing Number Tekeningnommer	CME 135 / 12 - A21		Centre of Gravity (Empty) Swaartepunt (Leeg)			Capacity (full) l Inhoudsvermoe(vol) l	36 590	Tare (Average) kg Tarra(Gemiddeld)	21 110
Bogie Type Draaisteltipe	SARCAST					Contents Inhoud		Capacity l Inhoudsvermoe	Mass kg Massa
Bearing Size Laergrootte	10 × 5					PETROL		36 250	31 180
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	6 / 0		Tank Material Tenkmateriaal	SPEC CME 9 SPES	SYM S M 8	AVIATION FUEL LUGVAARTBRANDSTOF		36 090	28 870
Brake System Remstelsel	V / R		Tank Lining Tenkvoering						
Brake Cylinders Remsilinders	(V) 2 × 15	(L)	Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor						
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50)	(L)	Originally designed for Oorspronklik ontwerp vir	PETROL					
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 50,98/20,6	(L)	Converted for Omskep vir						
Drawgear Equipment Trekwerkuitrusting	AAR M901 E		Revision Hersiening						
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR - SAS		Date Datum						

XPJ - 11

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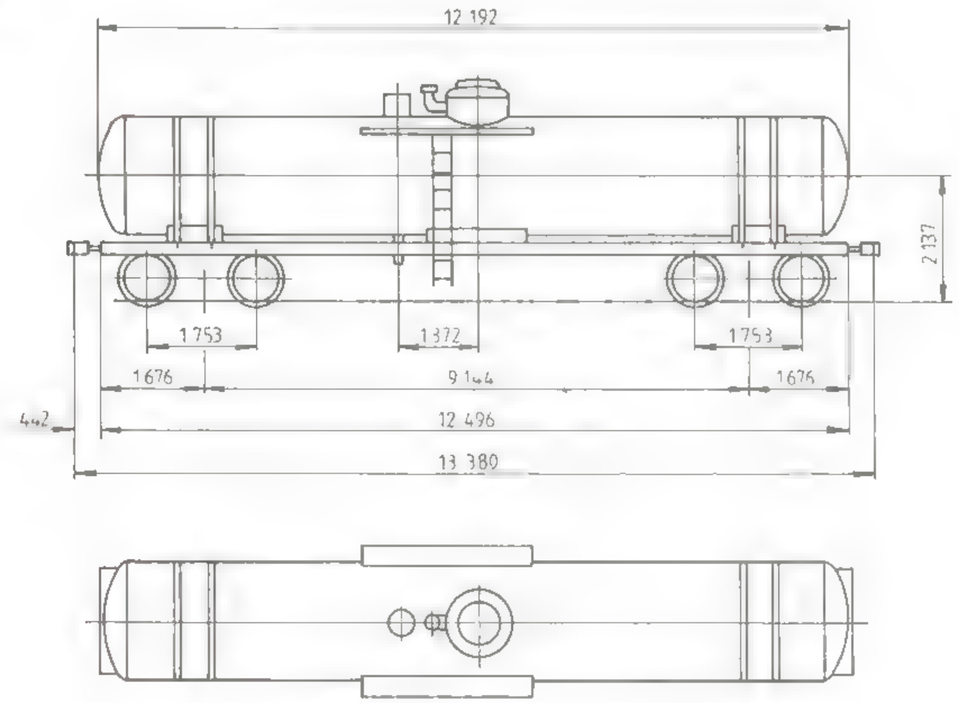

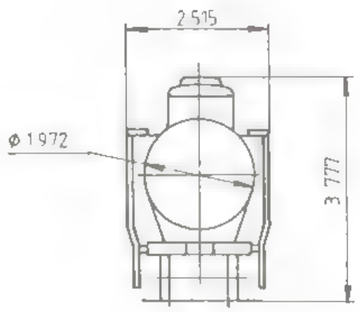

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device
Middel balk hidroulese kussingrigting

Brake System - Remsteisel
A Dual Power Automatic
Tweekrag-Outomaties
R Slack Adjuster
Remversteller
V Vacuum
Vakuum
L Air
Lug
D Dual Power - Manually operated
Tweekrag - Handbediening

Remarks
Opmerkings :-

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
38-035 006 / 38-035 537	1964-65

Converted from Omskep van	Date Datum
XP-12	1986-87

For actual loads capacities and ullages see drawing number
Vir werklike vragte,inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12-A99

Drawing Number Tekeningnommer	CME 135/12-A21		Centre of Gravity (Empty) Swaartepunt (Leeg)		Capacity (full) Inhoudsvermoe(vol)	36 570	Tare (Average) kg Tarra (Gemiddeld)
Bogie Type Draaistelt:pe	SARCAST				Contents Inhoud		Capacity Inhoudsvermoe
Bearing Size Laergrootte	10×5				PETROL		36 210
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	6/0		Tank Material Tenkmateriaal	SPEC CME 9, SYM 8 SPES SIM			
Brake System Remsteisel	V/R		Tank Lining Tenkvoering				
Brake Cylinders Remsilinders	(V) 2/15	(L)	Design Limit-Mass on Rail kg Ontwerplimiet-Massa op Spoor				
Train Pipe / Treinpyp Brake Pipe/ Rempyp	(V) 65	(L)	Originally designed for Oorspronklik ontwerp vir	PETROL			
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 58/24	(L)	Converted for Omskep vir				
Drawgear Equipment Trekwerkuitrusting	AAR M901 E		Revision Hersiening				
Coupler / Yoke Koppelaar / Juk	SASKOP-S / SAR-SAS		Date Datum				

XPJ-12

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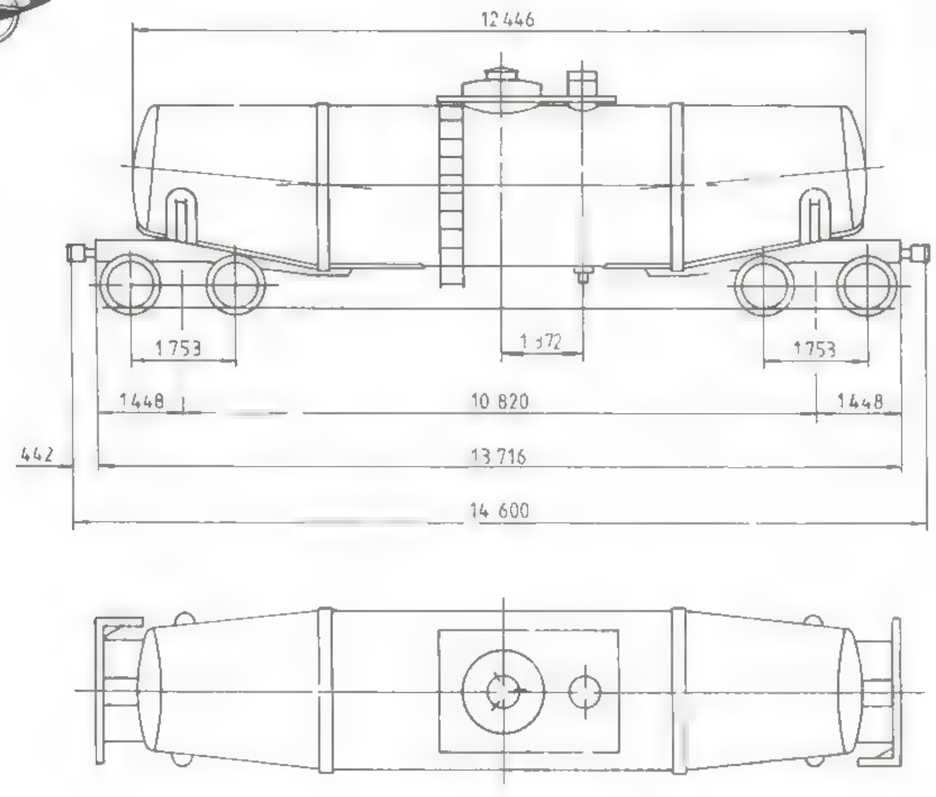
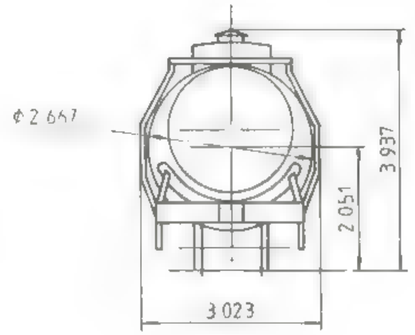




Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
38 - 500 000 / 38 - 500 434 38 - 500 442 / 38 - 500 973	1969

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

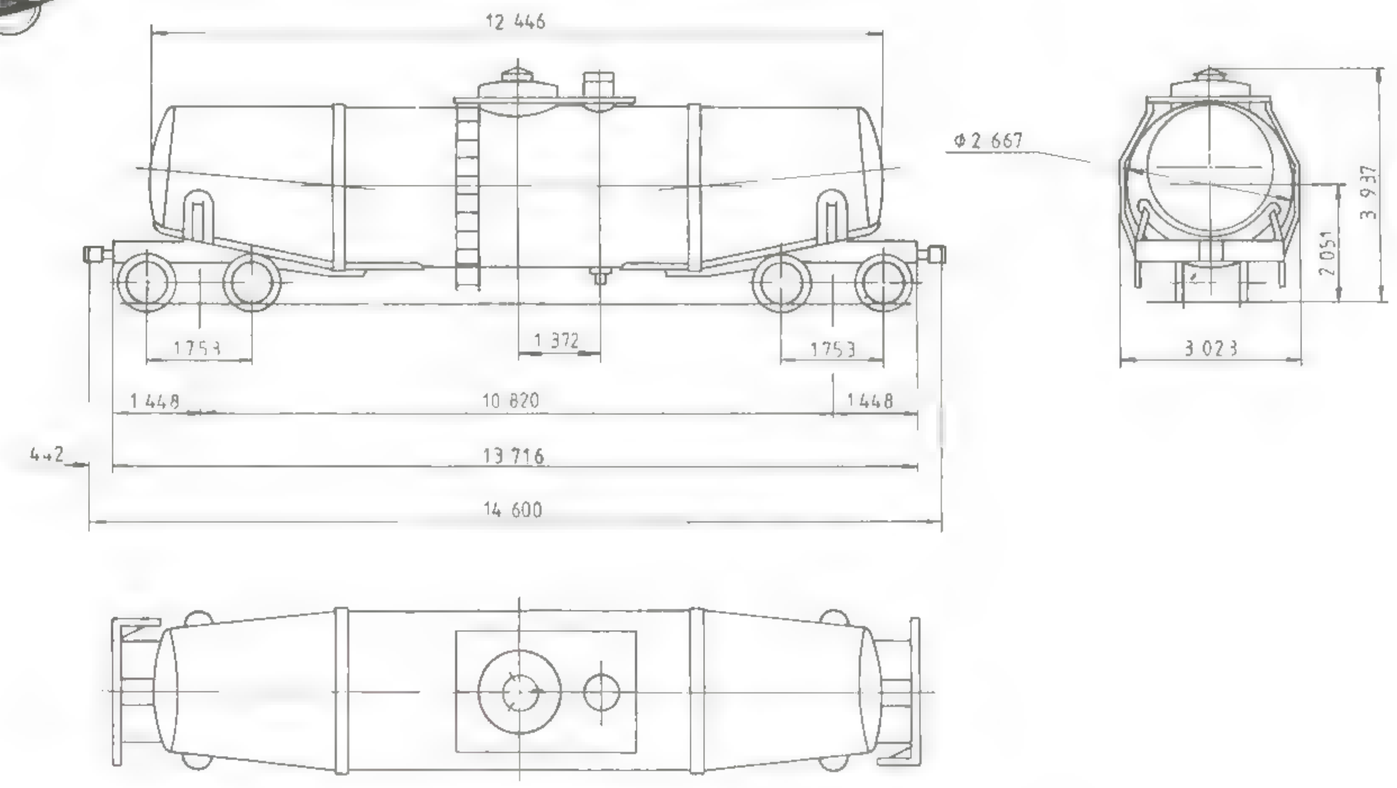
Remarks / Opmerkings :-

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Converted from / Omskep van	Date / Datum
XPD - 14	1982 -

Drawing Number / Tekeningnommer	W 1 / 20076		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 410		Capacity (full) / Inhoudsvermoe(vol) L	61 870	Tare (Average) / Tarra(Gemiddeld) kg	24 700
Bogie Type / Draaisteltipe	SPOORBARBER					Contents / Inhoud		Capacity / Inhoudsvermoe L	Mass / Massa kg
Bearing Size / Laergrootte	D					PETROL		60 770	44 970
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 10		Tank Material / Tenkmateriaal	SPEC SME 9 SPES	SYM SiM 8	☑ JET FUEL / STRALERBRANDSTOF		60 910	48 730
Brake System / Remstelsel	V		Tank Lining / Tenkvoering	☑ EPOXY - RESIN PAINT / EPOKSIHARSVERF	(EP LUX 4)	DIESEL OIL / DIESELOLIE		56 680	47 610
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)	Design Limit - Mass on Rail / Ontwerplimiet - Massa op Spoor kg	74 000					
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	PETROL	JET FUEL / STRALERBRANDSTOF				
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 4 6/21,7	(L)	Converted for / Omskep vir						
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening						
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR-SAS		Date / Datum						

XPJ - 14



Remarks / Opmerkings : ◪ EPOXY-RESIN PAINT / EPOKSIHARSVERF (EPILUX 4) OR EPOXY ENAMEL WHITE COATING / OF W.T EPOKSI-EMALJEBEDEKKING (COPON EA3 / EA7)

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
38 - 501 007 / 38 - 506 483	1971-73

Converted from / Omskep van	Date / Datum
XPD 15	19[illegible]

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12-A99

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting

Brake System / Remstelsel: V Vacuum / Vakuum; L Air / Lug; D Dual Power Manually operated / Tweekrag - Handbediening; A Dual Power-Automatic / Tweekrag-Outomaties; R Slack Adjuster / Remverstelller

Drawing Number / Tekeningnommer	W 1/[illegible]5	
Bogie Type / Draaisteltipe	SPOOR BARBER	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	◒ 10/10 ◓ 10/8	
Brake System / Remstelsel	V/R	
Brake Cylinders / Remsilinders	(V) 2/18	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 58/20	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR-SAS	

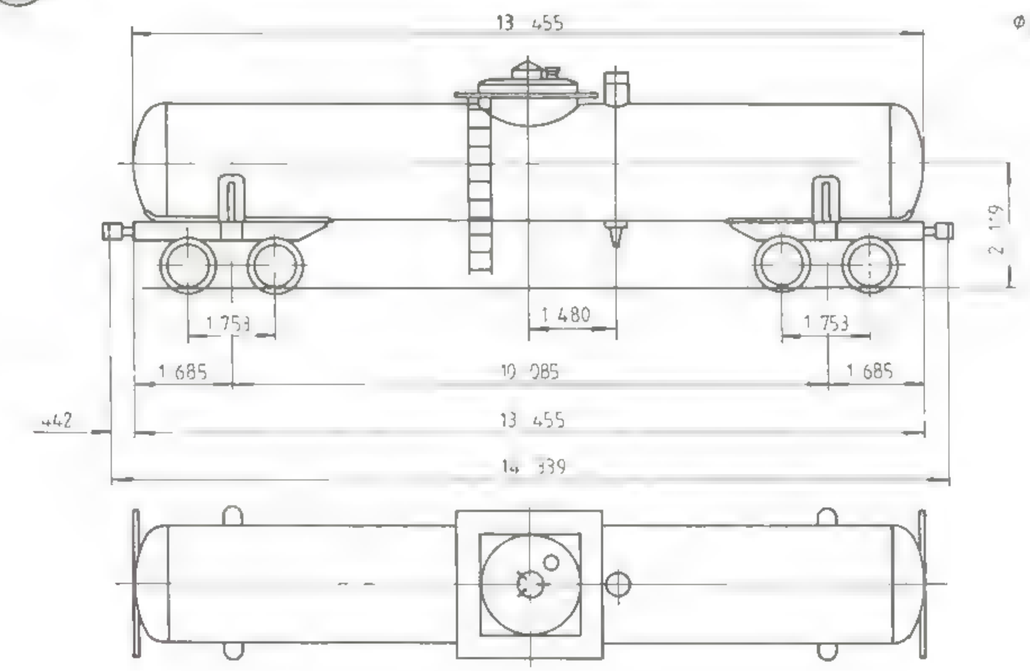
Centre of Gravity (Empty) / Swaartepunt (Leeg)	1[illegible]					
Tank Material / Tenkmateriaal	SPEC [illegible]ME 3 SPES SYM 8 SIM					
Tank Lining / Tenkvoering	◪					
Design Limit-Mass on Rail kg / Ontwerplimiet Massa op Spoor	74 000					
Originally designed for / Oorspronklik ontwerp vir	PETROL JET FUEL / STRALERBRANDSTOF					
Converted for / Omskep vir						
Revision / Hersiening						
Date / Datum						

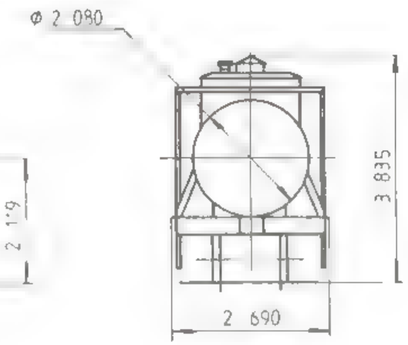
Contents / Inhoud	Capacity / Inhoudsvermoë (L)	Mass / Massa kg
◒ PETROL	[illegible]	45 090
◪ JET FUEL / ◓ STRALERBRANDSTOF	[illegible],82	[illegible] 8[illegible]
◒ DIESEL OIL / DIESELOLIE	[illegible]4 46[illegible]	45 7[illegible]
◓ DIESEL OIL / DIESELOLIE	57 120	47 980

Capacity (full) / Inhoudsvermoe(vol) (L) [illegible]1 [illegible]0
Tare (Average) kg / Tarra (Gemiddeld) [illegible]4 [illegible]00

XPJ - 15

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
38-036 703/38-039 966	1973-74

Remarks / Opmerkings :-

Converted from / Omskep van	Date / Datum
XP-16	1985-

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer **CME 240/12-A99**

Drawing Number / Tekeningnommer	W 001 / M001
Bogie Type / Draaisteltipe	SPOORBARBER
Bearing Size / Laergrootte	C
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 4
Brake System / Remstelsel	- R
Brake Cylinders / Remsilinders	(V) 2 / 18 (L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 60,6 / 22,8 (L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 302
Tank Material / Tenkmateriaal	B S 1501 - 151 GR 28A
Tank Lining / Tenkvoering	
Design Limit-Mass on Rail kg / Ontwerplimiet-Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	WHITE PETROLEUM PRODUCTS / WIT PETROLEUMPRODUKTE
Converted for / Omskep vir	

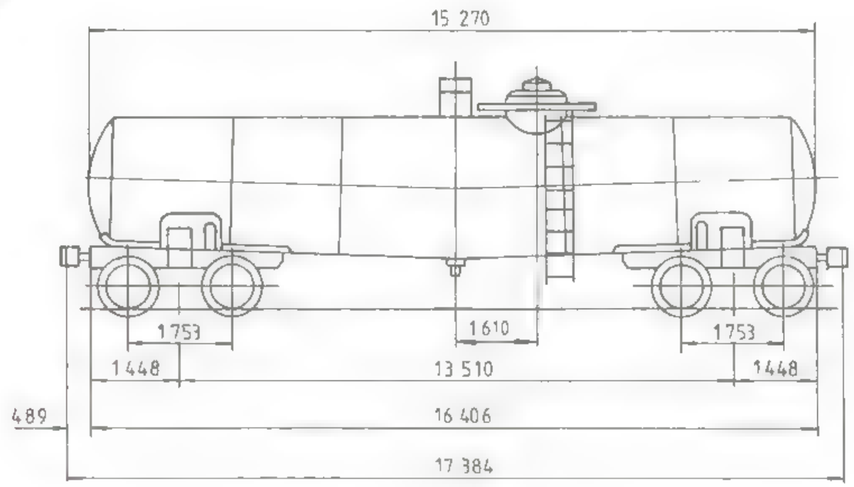
Revision / Hersiening					
Date / Datum					

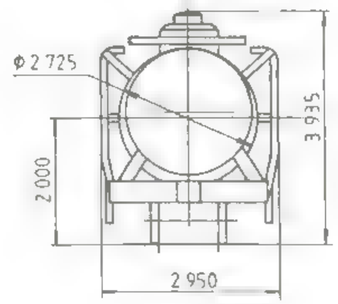
Capacity (full) / Inhoudsvermoe (vol)	44 420	Tare (Average) kg / Tarra (Gemiddeld)	22 420
Contents / Inhoud		Capacity / Inhoudsvermoe	Mass / Massa kg
PETROL		44 420	37 580 MAX / MAKS

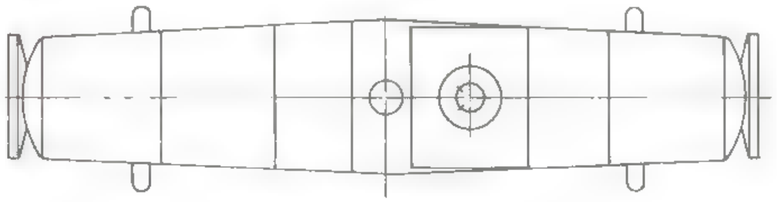
XPJ-16

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
■ Slack Adjuster / Remversteller

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting







Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
38-042 177 / 38-042 711 38-042 738 / 38-043 262	1981-82 1982

Remarks / Opmerkings: SOPRENE INSULATED BARREL, DOME TO DRG No CME 185/12-A03, BOTTOM OPERATED DISCHARGE VALVE TO DRG No F2300 A
ISOPREEN GEISOLEERDE ROMP, HELM VOLGENS TEK No CME 185/12-A03, ONDERBEDIENDE UITLAATKLEP VOLGENS TEK No F2300 A

Converted from / Omskep van	Date / Datum

For actual loads, capacities and ullages see drawing number / Vir werklike vragte inhoudsvermoens en uitsituimtes kyk tekening nommer CME 240/12-A99

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remverstelller

Drawing Number / Tekeningnommer	W 001 D064 ◒ W 001 / D072		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 451	Capacity (full) / Inhoudsvermoe(vol) l	72 700	Tare (Average) kg / Tarra(Gemiddeld)	26 690 ◒ 26 830
Bogie Type / Draaisteltipe	H S. MK VII				Contents / Inhoud		Capacity / Inhoudsvermoe l	Mass / Massa kg
Bearing Size / Laergrootte	D				PETROL		64 300	47 310 MAX / MAKS
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10		Tank Material / Tenkmateriaal	SPEC. CME 9 SYM 8 / SPES SIM	DIESEL OIL / DIESELOLIE		55 980	47 310 MAX / MAKS
Brake System / Remstelsel	V/R		Tank Lining / Tenkvoering	◒ COPON EA3 / EA7	◒ JET FUEL / STRALERBRANDSTOF		58 870	47 170 MAX / MAKS
Brake Cylinders / Remsilinders	(V) 2/18	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	80 000	◒ ISOPRENE / SOPREEN		67 450	46 960
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	PETROL JET FUEL / STRALERBRANDSTOF				
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 63,9 / 23,1	(L)	Converted for / Omskep vir					
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening					
Coupler / Yoke / Koppelaar / Juk	SE/E		Date / Datum					

XPJ-19

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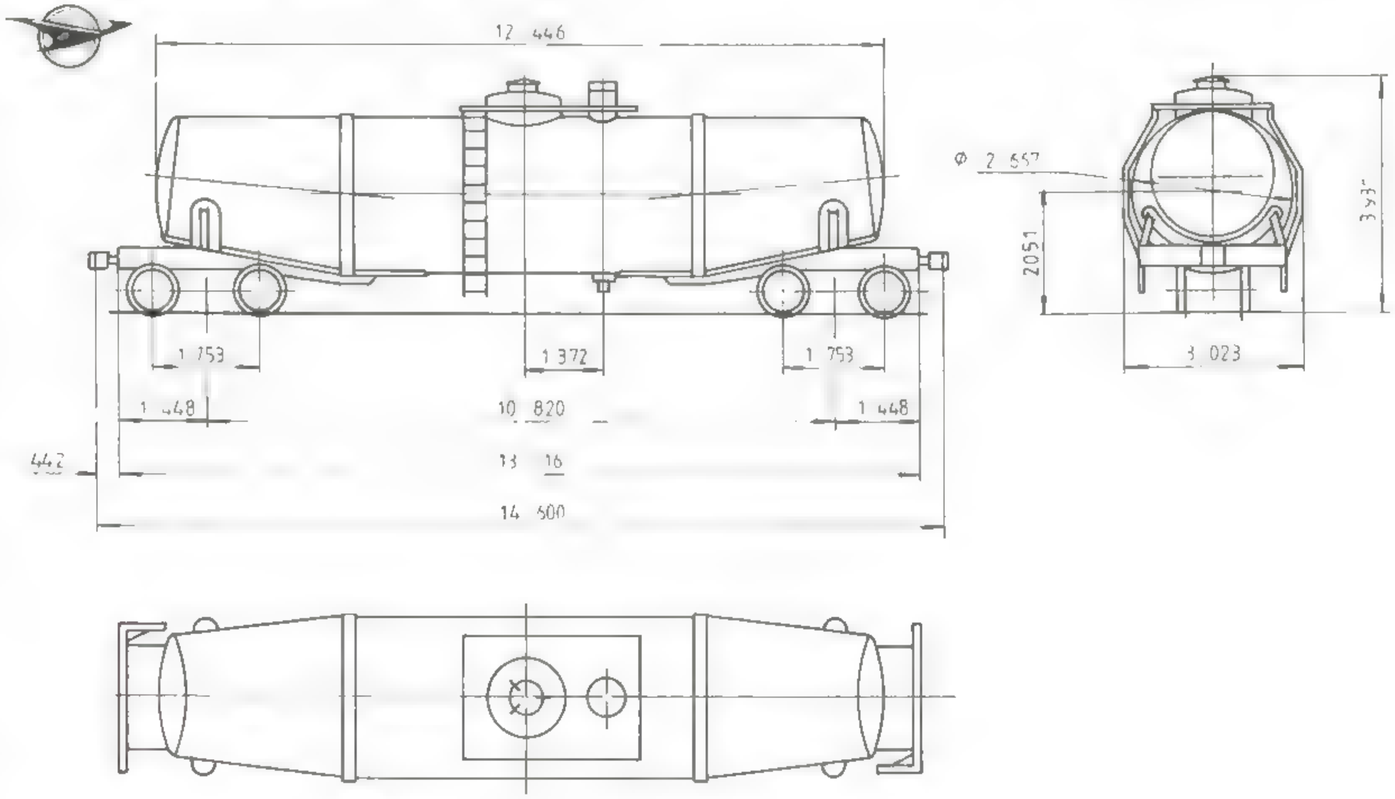


Remarks
Opmerkings :-

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12-A99

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
38 - 043 270 / 38 - 043 378	1977

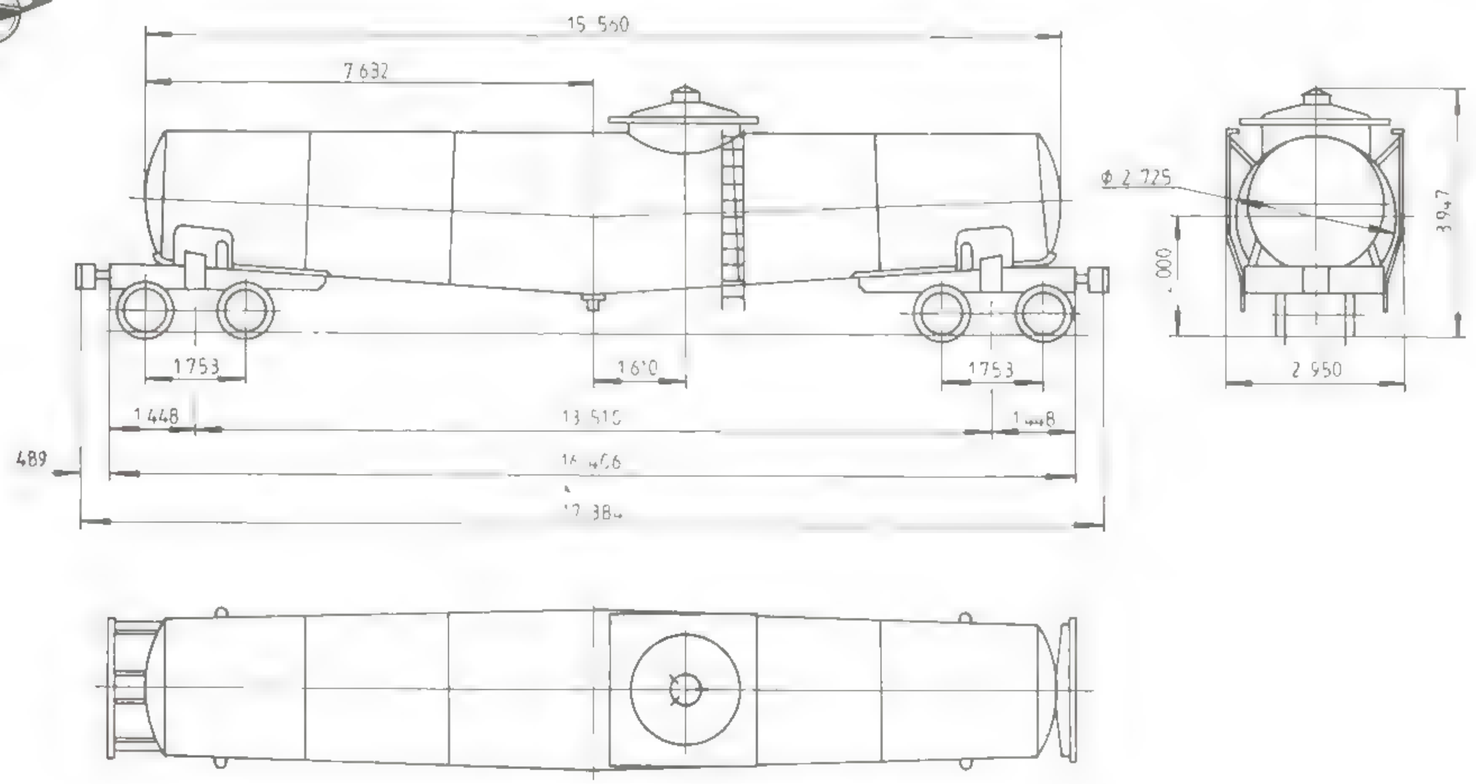
Converted from Omskep van	Date Datum
ISCOR WAGONS Nos. 701 - 706, YSKOR TROKKE 708 - 710	1983
" " 707	1987

Drawing Number Tekeningnommer	AB 210352		Centre of Gravity (Empty) Swaartepunt (Leeg)		Capacity (full) Inhoudsvermoe(vol) l	62 120	Tare (Average) kg Tarra(Gemiddeld)	23 890
Bogie Type Draaisteltipe	SPOORBARBER				Contents Inhoud		Capacity Inhoudsvermoe l	Mass kg Massa
Bearing Size Laergrootte	D				DIESEL OIL DIESELOLIE		57 480	48 280
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	10 / 10		Tank Material Tenkmateriaal	SPEC CME 9 SYM B SPES SIM	PETROL		61 300	45 360
Brake System Remstelsel	V , R		Tank Lining Tenkvoering					
Brake Cylinders Remsilinders	(V) 1/18	(L)	Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor	74 000				
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for Oorspronklik ontwerp vir	DIESEL OIL DIESELOLIE				
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 62 7/20 8	(L)	Converted for Omskep vir					
Drawgear Equipment Trekwerkuitrusting	AAR M901 E		Revision Hersiening					
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR - SAS		Date Datum					

XPJ - 20

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device
Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device
Middelbalk hidroulies kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller



Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
38 - 044 005 / 38 - 047 306	1985 - 86

Remarks
Opmerkings :-

Converted from Omskep van	Date Datum

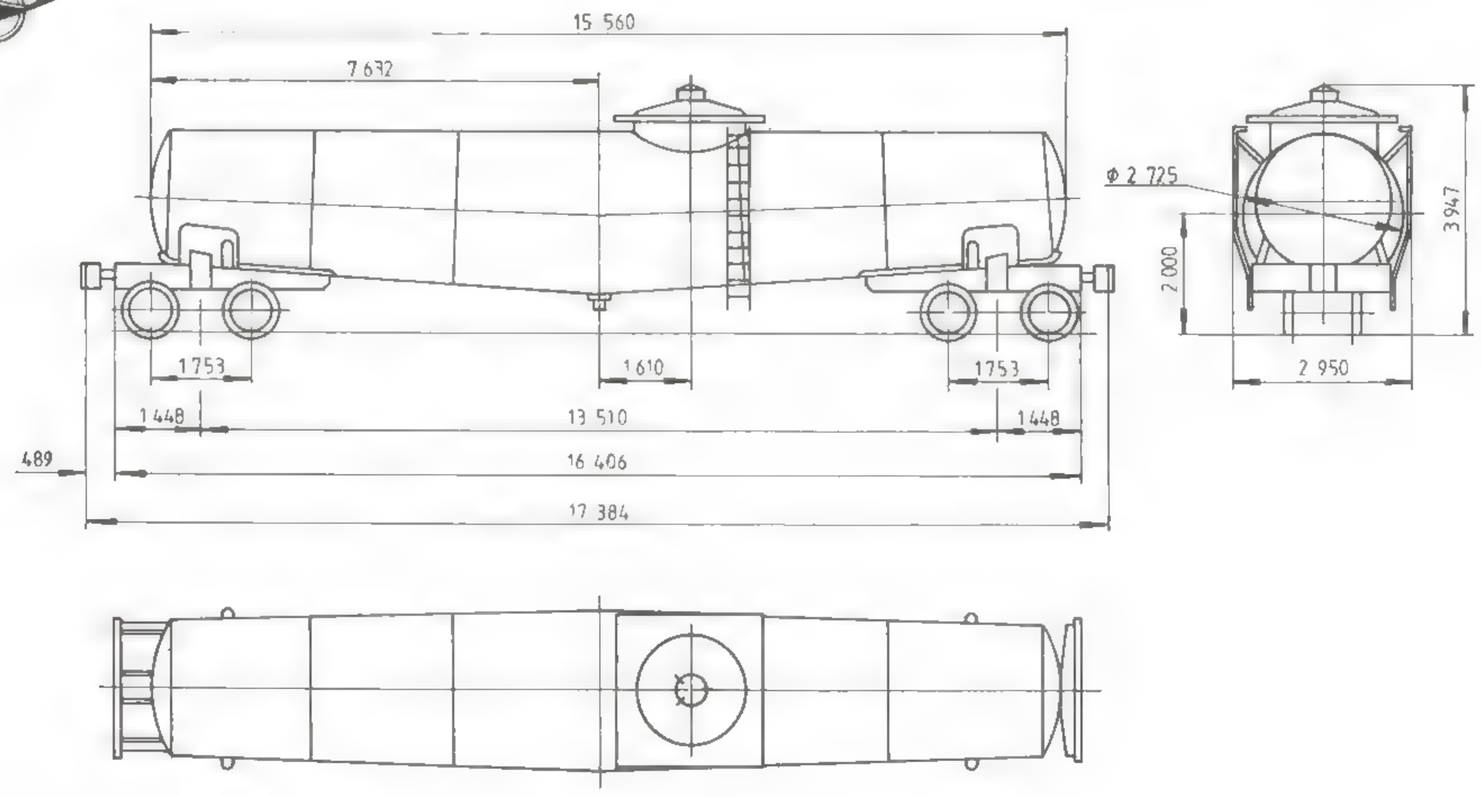
Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulliese kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoens en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number Tekeningnommer	W 001 / D090		Centre of Gravity (Empty) Swaartepunt (Leeg)	1 [illegible] 8		Capacity (full) Inhoudsvermoe (vol) L	73 670	Tare (Average) kg Tarra (Gemiddeld)	26 670
Bogie Type Draaisteltipe	HS Mk VII					Contents Inhoud		Capacity Inhoudsvermoe L	Mass Massa kg
Bearing Size Laergrootte	D					PETROL		64 330	47 400
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	1 1[illegible]		Tank Material Tenkmateriaal	SPEC SPES BS 4360 GR 43A		DIESELOLIE		55 980	41 [illegible]0
Brake System Remstelsel	V R		Tank Lining Tenkvoering						
Brake Cylinders Remsilinders	(V) 2 / 18	(L)	Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor	[illegible]					
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for Oorspronklik ontwerp vir						
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 66,76 / 24	(L)	Converted for Omskep vir	PETROL					
Drawgear Equipment Trekwerkuitrusting	AAR M901 E		Revision Hersiening						
Coupler / Yoke Koppelaar / Juk	SE / E		Date Datum						

XPJ - 21



Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
38-047 314 / 38-048 949	1990

Remarks
Opmerkings :-

Converted from Omskep van	Date Datum

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoens en uitsruimtes kyk tekening nommer CME 240/12-A99

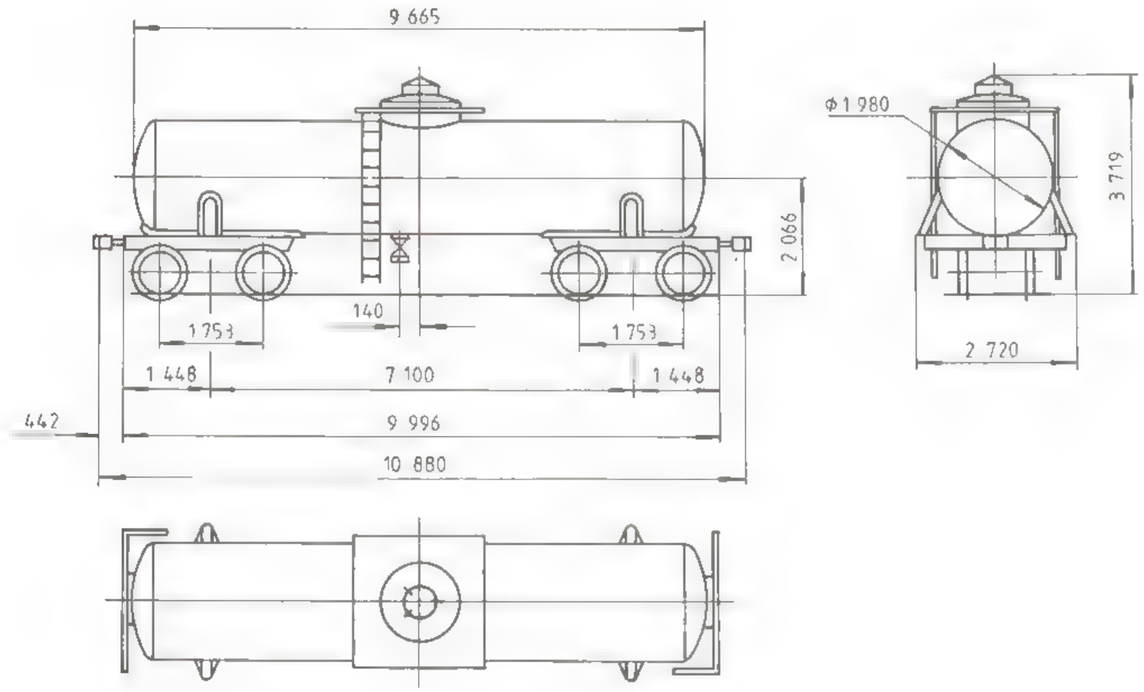
Drawing Number Tekeningnommer			Centre of Gravity (Empty) Swaartepunt (Leeg)	1408	Capacity (full) l Inhoudsvermoë (vol) l	73 580	Tare (Average) kg Tarra (Gemiddeld) kg	27 260
Bogie Type Draaisteltipe	HS Mk VII				Contents Inhoud		Capacity Inhoudsvermoe l	Mass Massa kg
Bearing Size Laergrootte	D				PETROL		72 420	52 740
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	10 / 10		Tank Material Tenkmateriaal	SPEC. BS 4360 GR 43A SPES.	DIESEL OIL DIESELOLIE		63 620	52 740
Brake System Remstelsel	V/R		Tank Lining Tenkvoering					
Brake Cylinders Remsilinders	(V) 2/18	(L)	Design Limit-Mass on Rail kg Ontwerplimiet-Massa op Spoor	80 000				
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for Oorspronklik ontwerp vir					
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 66,76/24	(L)	Converted for Omskep vir	PETROL				
Drawgear Equipment Trekwerkuitrusting	AAR M901 E		Revision Hersiening					
Coupler / Yoke Koppelaar / Juk	SE / E		Date Datum					

XPLJ-21

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

114



Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
39 - 010 015 / 39 - 014 398	1971 - 73

Remarks
Opmerkings :

Converted from Omskep van	Date Datum
XQ - 1	1984 - 86

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12 - A99

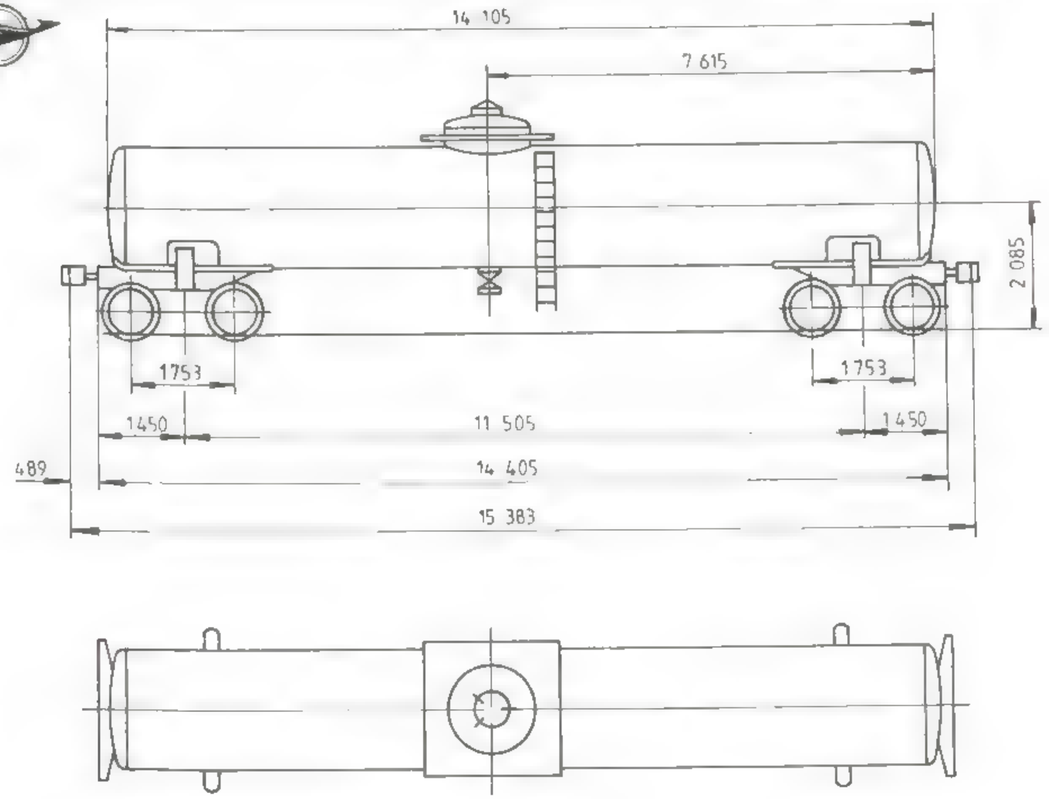
Drawing Number Tekeningnommer	w 1 / 20121 w 001 / v004		Centre of Gravity (Empty) Swaartepunt (Leeg)	1 113		Capacity (full) Inhoudsvermoe(vol)	29 240 l	Tare (Average) Tarra(Gemiddeld) kg	18 700
Bogie Type Draaisteltipe	SPOORBARBER					Contents Inhoud		Capacity Inhoudsvermoe l	Mass Massa kg
Bearing Size Laergrootte	C					TREACLE STROOP		28 660	41 300
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	10 / 4		Tank Material Tenkmateriaal	BS 1501 - 151 GR28A					
Brake System Remsteelsel	V/L / R		Tank Lining Tenkvoering						
Brake Cylinders Remsilinders	(V) 2 / 18	(L) 2 / 7×12	Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor	60 000					
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L) 32	Originally designed for Oorspronklik ontwerp vir	TREACLE STROOP					
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 69,39 / 22	(L) 69,54 / 22	Converted for Omskep vir						
Drawgear Equipment Trekwerkuitrusting	AAR M901 E		Revision Hersiening						
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR - SAS		Date Datum						

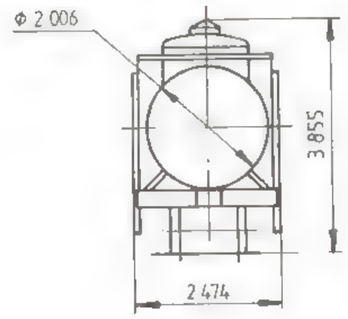
XQLJ-1

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic
Tweekrag - Outomaties
R Slack Adjuster
Remversteller
V Vacuum
Vakuum
L Air
Lug
Dual Power - Manually operated
Tweekrag - Handbediening

115





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
39 - 014 401 / 39 - 015 769	1980 - 81

Remarks / Opmerkings :

For actual loads capacities and ullages see drawing number / Vir werklike vragte,inhoudsvermoens en uitsituimtes kyk tekening nommer CME 240/12 - A99

Converted from / Omskep van	Date / Datum
XQJ - 2	1985 - 86

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingnrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingnrigting

Brake System - Remstelsel
V Vacuum / Vakuum
A Dual Power - Automatic / Tweekrag - Outomaties
L Air / Lug
R Slack Adjuster / Remversteller
■ Dual Power - Manually operated / Tweekrag - Handbediening

Drawing Number / Tekeningnommer	RS. A004_001_A21	
Bogie Type / Draaisteltipe	HS MK VII	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 10	
Brake System / Remstelsel	V/L/R	
Brake Cylinders / Remsilinders	(V) 2/18	(L) 1/ 10"x 12"
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 72,04/21,19	(L) 68,07/ 20,03
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	E / E	

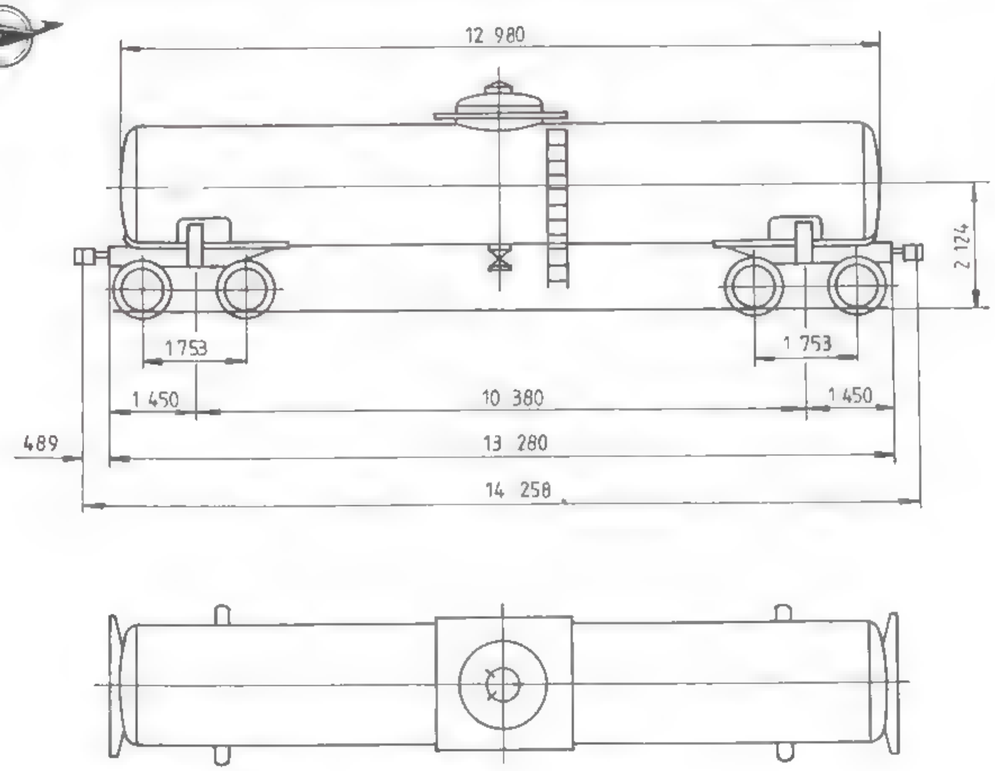
Centre of Gravity (Empty) / Swaartepunt (Leeg)						
Tank Material / Tenkmateriaal	SPEC SPES CME 9, SYM SIM 8					
Tank Lining / Tenkvoering						
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	80 500					
Originally designed for / Oorspronklik ontwerp vir	TREACLE STROOP					
Converted for / Omskep vir						
Revision / Hersiening						
Date / Datum						

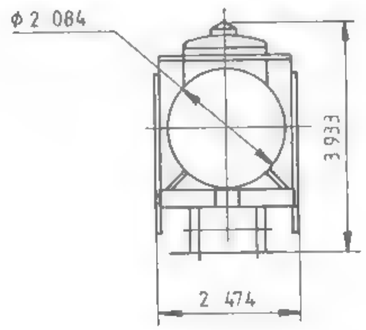
Capacity (full) / Inhoudsvermoe (vol) L	44 080	Tare (Average) kg / Tarra (Gemiddeld)	23 540

Contents / Inhoud	Capacity / Inhoudsvermoe L	Mass / Massa kg
TREACLE STROOP	43 100	56 460

XQLJ-2

1/6





Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
39-015 777 — 39-016 595	1984

Remarks
Opmerkings :-

Converted from Omskep van	Date Datum

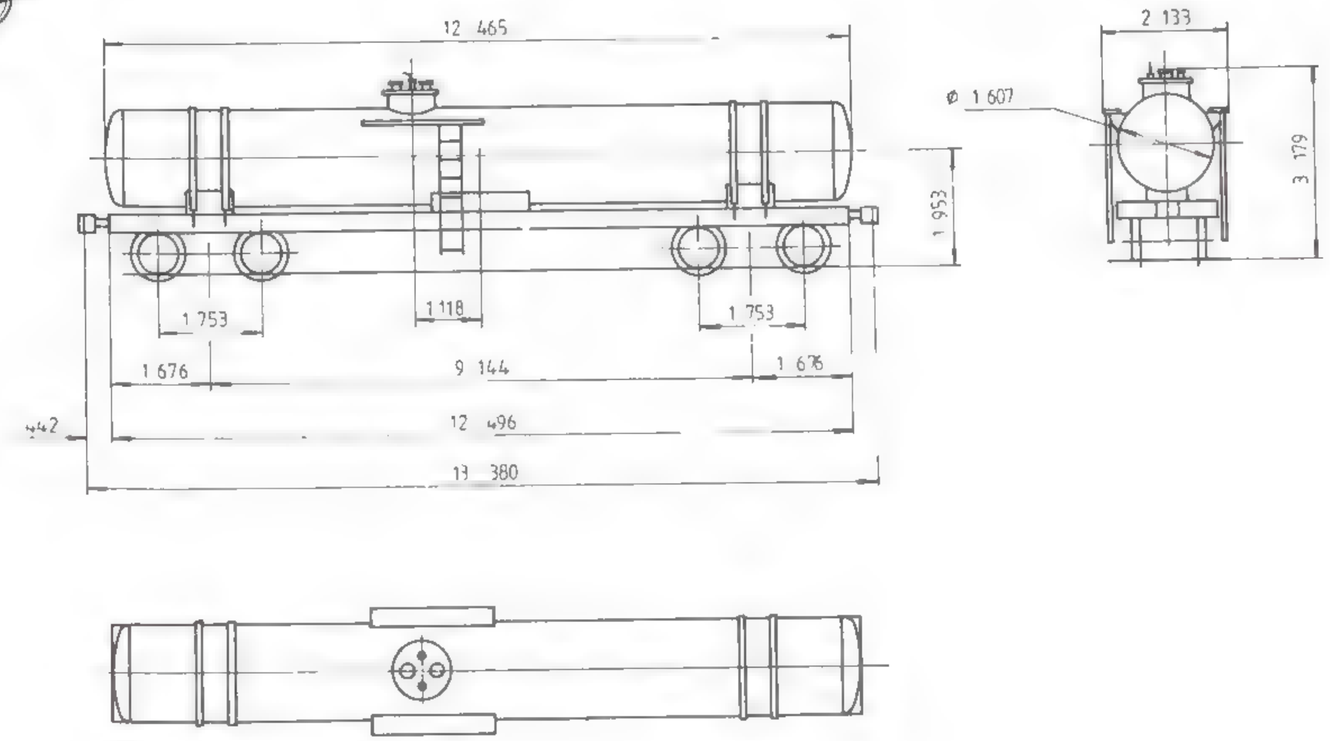
For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoens en uitsituimtes kyk tekening nommer CME 240/12-A99

Drawing Number Tekeningnommer	W001 / F 038		Centre of Gravity (Empty) Swaartepunt (Leeg)	1 267	Capacity (full) l Inhoudsvermoe (vol) l	43 750	Tare (Average) kg Tarra (Gemiddeld)	23 260
Bogie Type Draaisteltipe	HS MK VII				Contents Inhoud		Capacity l Inhoudsvermoe	Mass kg Massa
Bearing Size Laergrootte	8				TREACLE STROOP		42 840	56 740 MAX MAKS
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	10 / 10		Tank Material Tenkmateriaal	SPEC CME 9, SPES SM 8				
Brake System Remstelsel	V / L / R		Tank Lining Tenkvoering					
Brake Cylinders Remsilinders	(V) 2 / 18	(L) 1 / 10 × 12	Design Limit-Mass on Rail kg Ontwerplimiet-Massa op Spoor	80 000				
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L) 32	Originally designed for Oorspronklik ontwerp vir	TREACLE STROOP				
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 74,3 / 21,6	(L) 65 / 18,9	Converted for Omskep vir					
Drawgear Equipment Trekwerkuitrusting	AAR M901 E		Revision Herstening					
Coupler / Yoke Koppelaar / Juk	E / E		Date Datum					

XQLJ-3

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulliese kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller



Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
43-012 000 / 43-012 310	1964

Remarks
Opmerkings :-

Converted from Omskep van	Date Datum

For actual loads, capacities and ullages see drawing number CME 240/12-A99
Vir werklike vragte, inhoudsvermoens en uitsituimtes kyk tekening nommer

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power – Manually operated / Tweekrag – Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Drawing Number / Tekeningnommer		CME 140 / 12 - A21	
Bogie Type / Draaisteltipe		SARCAST	
Bearing Size / Laergrootte		11 x 5 1/2	
Springs per Bogie / Vere per Draaistel	Outer / Inner / Buite / Binne	6 / 6	
Brake System / Remstelsel		V	
Brake Cylinders / Remsilinders		(V) 2 / 18	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp		(V) 65	(L)
Brake Percentage / Rempersentasie	Empty / Loaded / Leeg / Met Vrag	(V) 85,2 / 28 2	(L)
Drawgear Equipment / Trekwerkuitrusting		AAR M 901 E	
Coupler / Yoke / Koppelaar / Juk		SASKOP - S / SAR - SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)						
Tank Material / Tenkmateriaal	SPEC / SPES CME 9,	SYM / SIM 8				
Tank Lining / Tenkvoering						
Design Limit-Mass on Rail kg / Ontwerplimiet-Massa op Spoor						
Originally designed for / Oorspronklik ontwerp vir	SULPHURIC ACID / SWAWELSUUR					
Converted for / Omskep vir						
Revision / Hersiening						
Date / Datum						

Capacity (full) / Inhoudsvermoë (vol) l	24 700	Tare (Average) kg / Tarra (Gemiddeld)	21 780
Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass kg / Massa
SULPHURIC ACID / SWAWELSUUR		23 950	44 140

XS-6

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Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting

Brake System - Remstelsel

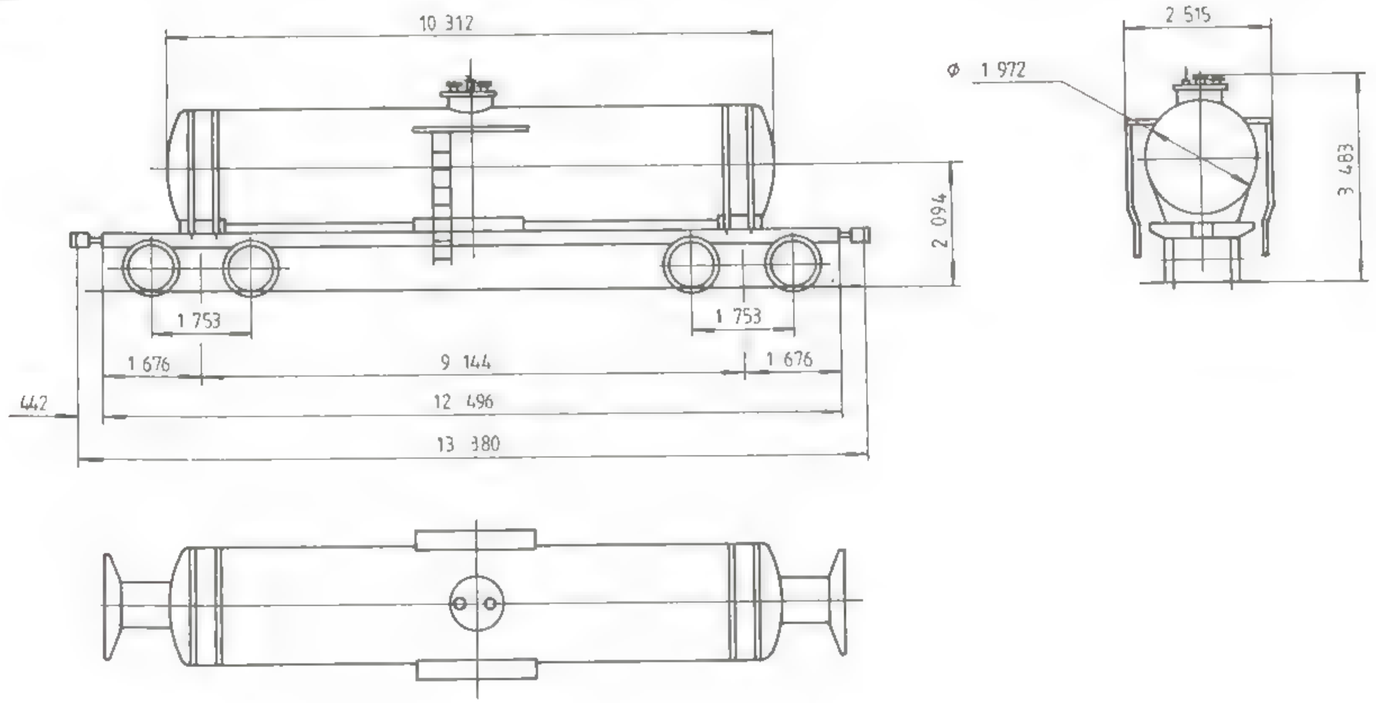
V Vacuum / Vakuum

L Air / Lug

D Dual Power - Manually operated / Tweekrag - Handbediening

A Dual Power - Automatic / Tweekrag - Outomaties

R Slack Adjuster / Remversteller



Remarks
Opmerkings :-

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
43 - 013 007 / 43 - 013 171	1958 61

Converted from / Omskep van	Date / Datum
X 21	1969

Drawing Number / Tekeningnommer	CME 158 / 12 - A21
Bogie Type / Draaisteltipe	SARCAST
Bearing Size / Laergrootte	11 x 5 1/2
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6 / 6
Brake System / Remstelsel	V
Brake Cylinders / Remsilinders	(V) 2/18 (L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50) (L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 83,3/25 (L)
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS

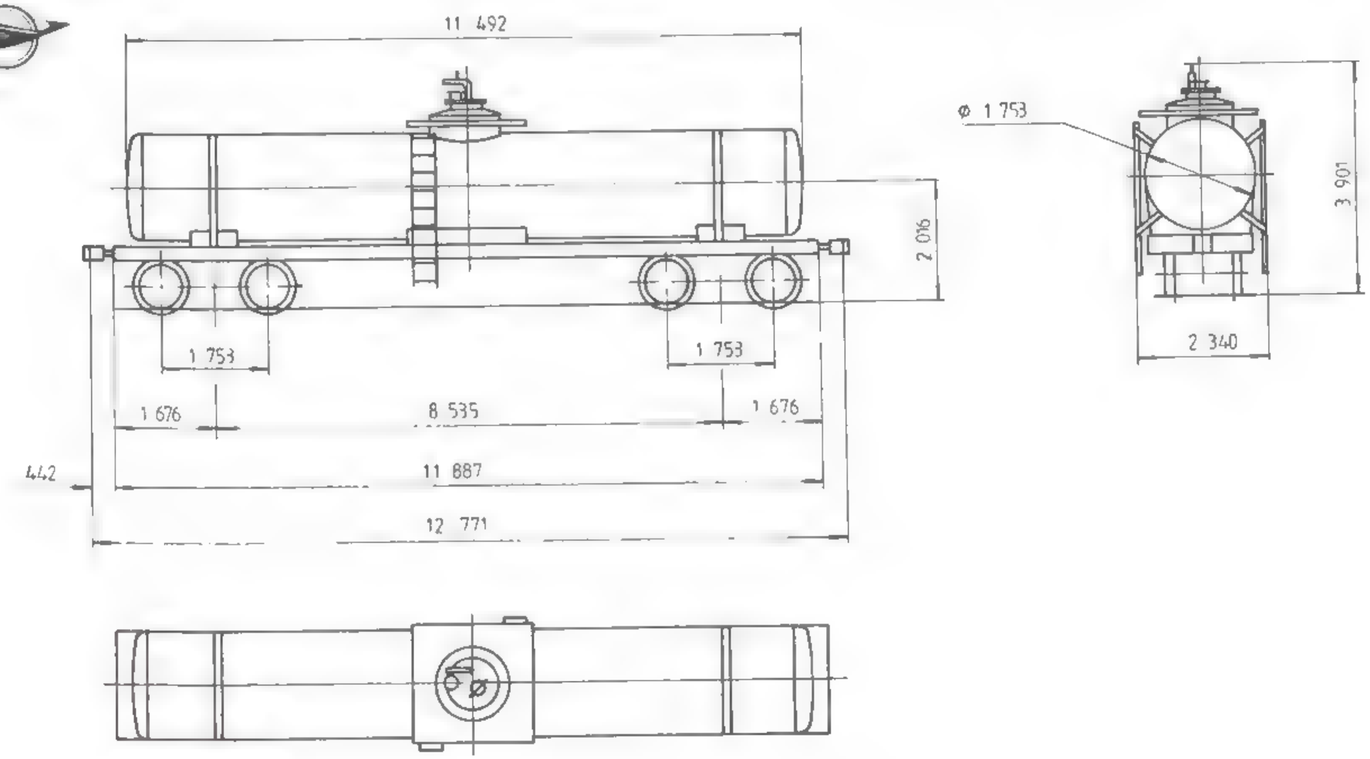
Centre of Gravity (Empty) / Swaartepunt (Leeg)					
Tank Material / Tenkmateriaal	SPEC / SPES CME 9,	SYM / SIM 8			
Tank Lining / Tenkvoering					
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor					
Originally designed for / Oorspronklik ontwerp vir	WATER	TREACLE / STROOP	O.L / OLIE		
Converted for / Omskep vir	SULPHUR.C ACID / SWAWELSUUR		AMMONIA / AMMONIAK		
Revision / Hersiening					
Date / Datum					

Capacity (full) / Inhoudsvermoe (vol)	30 8-0	Tare (Average) kg / Tarra (Gemiddeld)	20 190
Contents / Inhoud		Capacity / Inhoudsvermoe	Mass kg / Massa
SULPHURIC ACID / SWAWELSUUR		25 550	47 010

XS -7

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remverstelle



Remarks
Opmerkings

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoens en uitsituimtes kyk tekening nommer CME 240/12 - A99

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
43 - 013 198 / 43 - 013 511	1977
43 - 013 538 / 43 - 014 607	1977

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	W 001 / F 023		
Bogie Type / Draaisteltipe	SPOORBARBER H S MK III		
Bearing Size / Laergrootte	D		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10		
Brake System / Remstelsel	V/R		
Brake Cylinders / Remsilinders	(V) 2/18	(L)	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 87,7 /27	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1157					
Tank Material / Tenkmateriaal	SPEC SPES CME 9	SYM SIM 8				
Tank Lining / Tenkvoering						
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000					
Originally designed for / Oorspronklik ontwerp vir	SULPHURIC ACID / SWAWELSUUR					
Converted for / Omskep vir						
Revision / Hersiening						
Date / Datum						

Capacity (full) / Inhoudsvermoe (vol)	l	27 330	Tare (Average) / Tarra (Gemiddeld)	kg	22 400
Contents / Inhoud			Capacity / Inhoudsvermoe	l	Mass / Massa kg
SULPHURIC ACID / SWAWELSUUR			27 330		50 290

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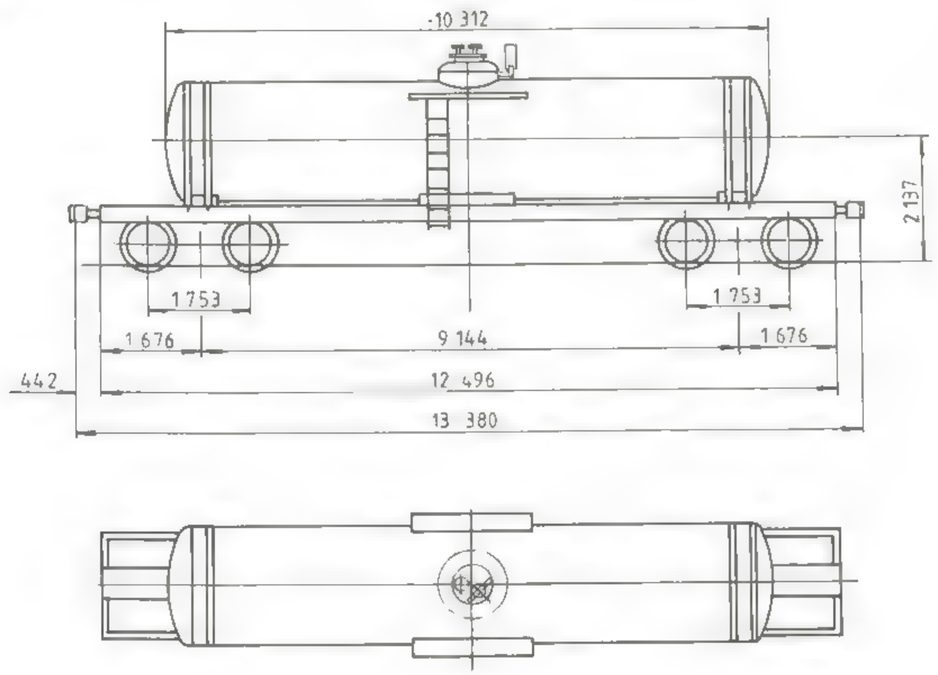

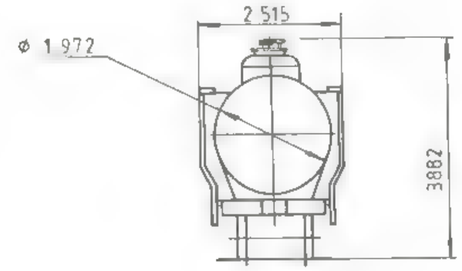

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
43 011 438/43 011 772	1964

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
Y Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

Remarks / Opmerkings :-

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12-A99

Converted from / Omskep van	Date / Datum
XJ-22	1990

Drawing Number / Tekeningnommer	RS A036_00* C-9		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1051		Capacity (full) / Inhoudsvermoe(vol)	30 830	Tare (Average) / Tarra(Gemiddeld) kg	20 530
Bogie Type / Draaisteltipe	SARCAST					Contents / Inhoud		Capacity / Inhoudsvermoe	Mass / Massa kg
Bearing Size / Laergrootte	11 × 5½					SULPHURIC ACID / SWAWELSUUR		25 970	47 790
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6 / 6		Tank Material / Tenkmateriaal	SPEC SPES CME 9 SYM SM 8					
Brake System / Remstelsel	V/R		Tank Lining / Tenkvoering						
Brake Cylinders / Remsilinders	(V) 2/15	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor						
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	WATER TREACLE STROOP OIL OLIE					
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 71 4/29.4	(L)	Converted for / Omskep vir						
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening						
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		Date / Datum						

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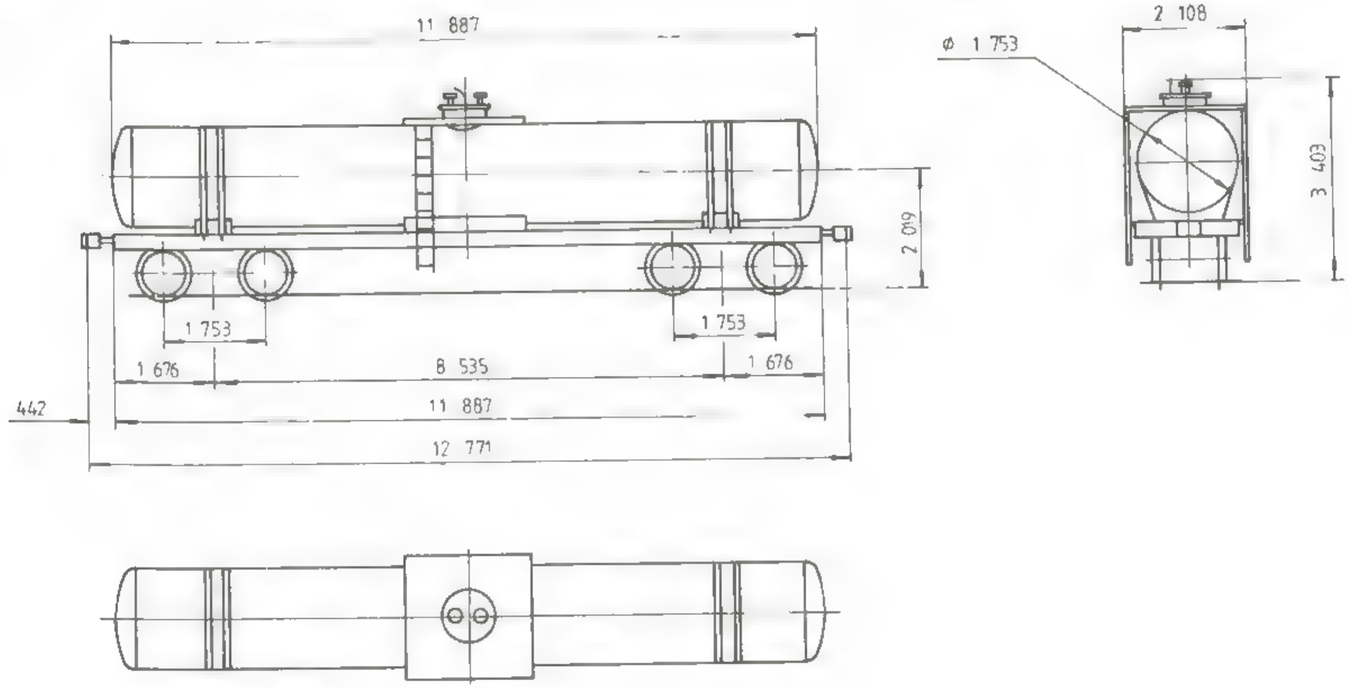

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussingrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power – Manually operated / Tweekrag – Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Remarks
Opmerkings

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
43 - 500 005 / 43 - 500 765	1971

Converted from / Omskep van	Date / Datum
XSD - 8	1984 86

Drawing Number / Tekeningnommer	W 1 / 20095		
Bogie Type / Draaisteltipe	SPOORBARBER		
Bearing Size / Laergrootte	D		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 10		
Brake System / Remstelsel	V / R		
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 69,5 / 22	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1092				
Tank Material / Tenkmateriaal	SPEC / SPES CME 9	SYM / SIM 8			
Tank Lining / Tenkvoering					
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000				
Originally designed for / Oorspronklik ontwerp vir	SULPHURIC ACID / SWAWELSUUR				
Converted for / Omskep vir					
Revision / Hersiening					
Date / Datum					

Capacity (full) l / Inhoudsvermoe (vol) l	Tare (Average) kg / Tarra (Gemiddeld) kg
28 890	23 180

Contents / Inhoud	Capacity / Inhoudsvermoe l	Mass / Massa kg
SULPHURIC ACID / SWAWELSUUR	27 760	51 080

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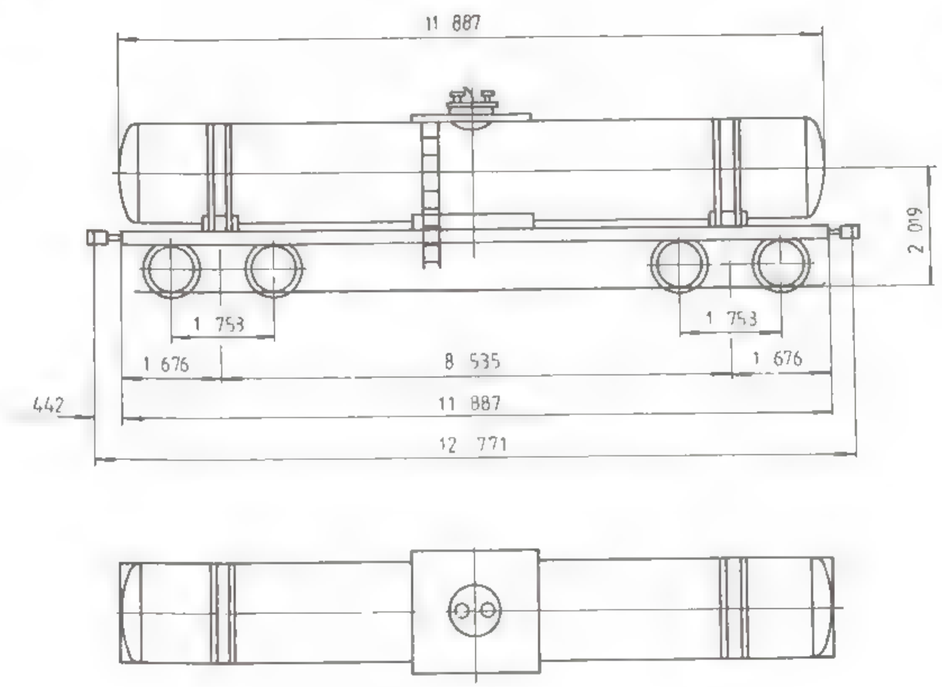

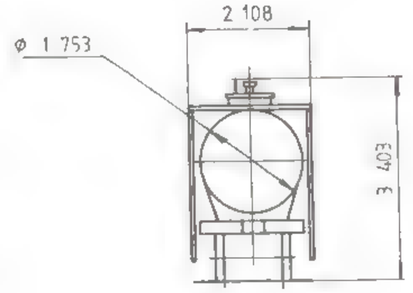

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Remarks / Opmerkings :

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
43 - 501 230 / 43 - 501 656	1971

Converted from / Omskep van	Date / Datum
XSD - 9	1985

Drawing Number / Tekeningnommer	W 004 F 001		
Bogie Type / Draaisteltipe	SPOORBARBER		
Bearing Size / Laergrootte	D		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 10		
Brake System / Remstelsel	V/R		
Brake Cylinders / Remsilinders	(V) 2/18	(L)	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 72,7 / 23	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 084				
Tank Material / Tenkmateriaal	PL ME 9 SM M 8				
Tank Lining / Tenkvoering					
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000				
Originally designed for / Oorspronklik ontwerp vir	SULPHUR ACID / SWAWELSUUR				
Converted for / Omskep vir					
Revision / Hersiening					
Date / Datum					

Capacity (full) / Inhoudsvermoe (vol) L	28 630	Tare (Average) kg / Tarra (Gemiddeld)	23 400
Contents / Inhoud		Capacity / Inhoudsvermoe L	Mass / Massa kg
SULPHURIC ACID / SWAWELSUUR		27 500	60

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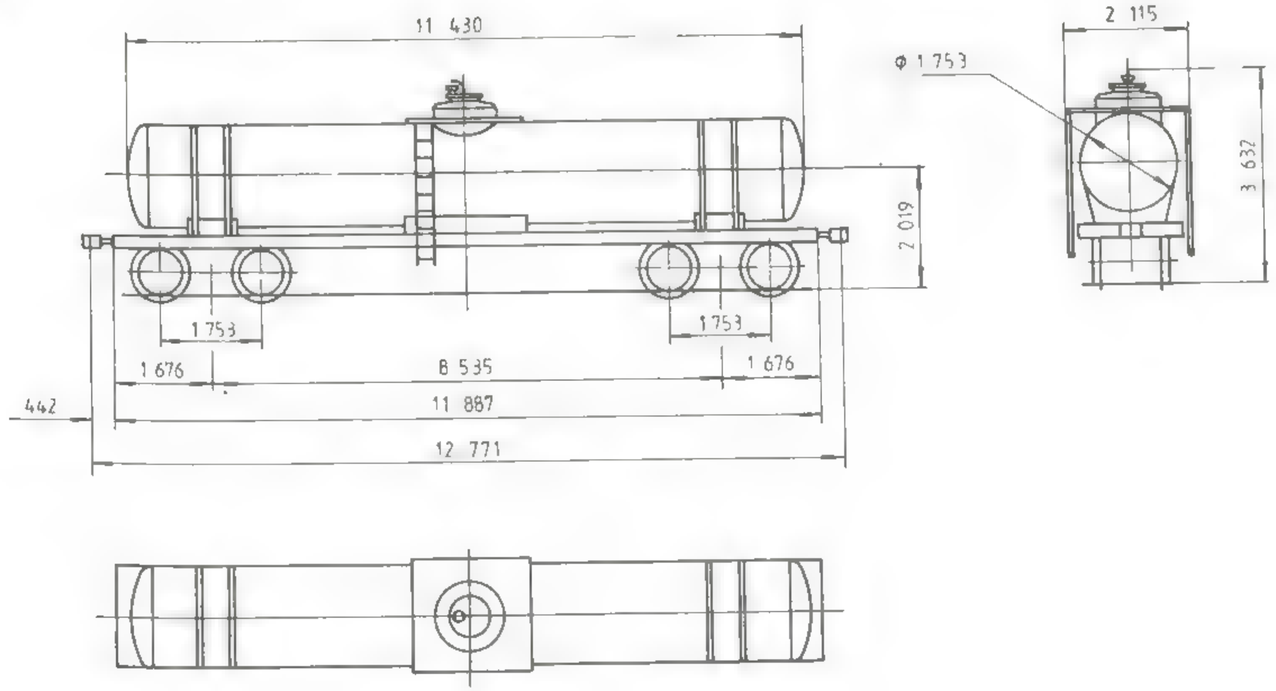

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
43 - 501 664 / 43 - 501 923	1971

Remarks
Opmerkings :-

Converted from Omskep van	Date Datum
XSD 10	1985 - 86

For actual loads, capacities and ullages see drawing number CME 240/12 - A99
Vir werklike vragte, inhoudsvermoens en uitsituimtes kyk tekening nommer

Drawing Number Tekeningnommer	W 001 / F 005 ·
Bogie Type Draaisteltipe	SPOORBARBER
Bearing Size Laergrootte	D
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	10 / 10
Brake System Remstelsel	V / R
Brake Cylinders Remsilinders	(V) 2/18 (L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 73/23 (L)
Drawgear Equipment Trekwerkuitrusting	AAR M901 E
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR - SAS

Centre of Gravity (Empty) Swaartepunt (Leeg)	980
Tank Material Tenkmateriaal	SPEC CME 9, SYM 8 SPES SIM
Tank Lining Tenkvoering	
Design Limit - Mass on Rail kg Ontwerpimiet - Massa op Spoor	74 000
Originally designed for Oorspronklik ontwerp vir	SULPHURIC ACID SWAWELSUUR
Converted for Omskep vir	

Revision Hersiening					
Date Datum					

Capacity (full) l Inhoudsvermoe (vol) l	27 440	Tare (Average) kg Tarra (Gemiddeld) kg	23 270

Contents Inhoud	Capacity Inhoudsvermoe l	Mass Massa kg
SULPHURIC ACID SWAWELSUUR	27 440	50 490

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Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manual y operated / Tweekrag - Handbedrening
A Dual Power Automatic / Tweekrag - Outomat es
R Slack Adjuster / Remversteller

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingnrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

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Drawgear Equipment - Trekwerkuitrusting

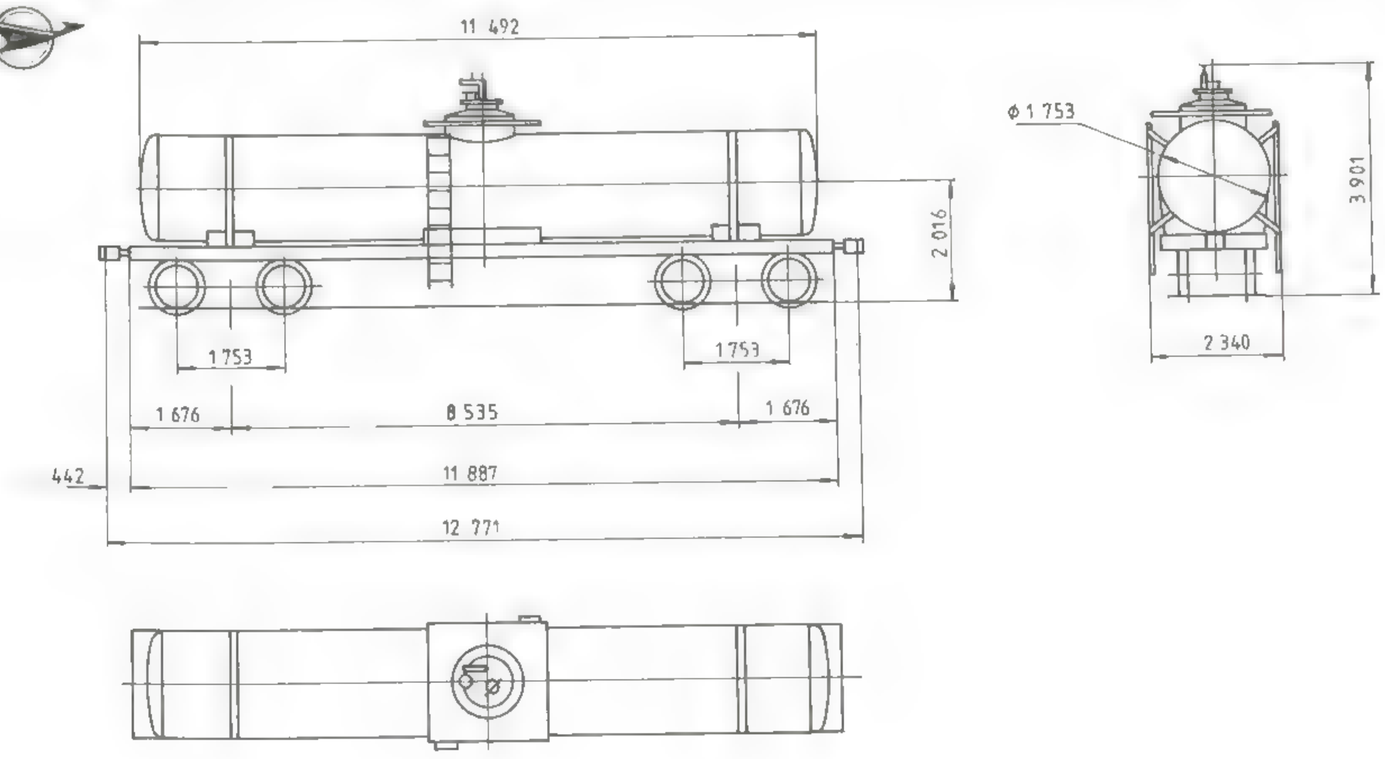
KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

A Dual Power - Automatic
Tweekrag - Outomaties
Slack Adjuster
R Remversteller

Vacuum
Vakuum
Air
L Lug
Dual Power - Manually operated
Tweekrag - Handbediening



Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
43 - 013 198 / 43 - 013 511	1977
43 - 013 538 / 43 - 014 607	1977

Remarks
Opmerkings :-

For actual loads, capacities and ullages see drawing number CME 240/12-A99
Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer

Converted from Omskep van	Date Datum
XS-11	1989

Drawing Number Tekeningnommer	W.001/F023
Bogie Type Draaisteltipe	SPOORBARBER H.S. Mk III
Bearing Size Laergrootte	D
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	10/10
Brake System Remstelsel	V/R
Brake Cylinders Remsilinders	(V) 2/18 (L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 77,2/23,8 (L)
Drawgear Equipment Trekwerkuitrusting	AAR M901 E
Coupler / Yoke Koppelaar / Juk	SASKOP-S / SAR-SAS

Centre of Gravity (Empty) Swaartepunt (Leeg)	1157
Tank Material Tenkmateriaal	SPEC SPES CME 9, SYM. SIM. 8
Tank Lining Tenkvoering	
Design Limit-Mass on Rail kg Ontwerplimiet-Massa op Spoor	74 000
Originally designed for Oorspronklik ontwerp vir	SULPHURIC ACID SWAELSUUR
Converted for Omskep vir	

Revision Hersiening					
Date Datum					

Capacity (full) l Inhoudsvermoe(vol) l	27 330	Tare (Average) kg Tarra(Gemiddeld) kg	22 400
Contents Inhoud		Capacity Inhoudsvermoe l	Mass kg Massa kg
SULPHURIC ACID SWAELSUUR		27 330	50 290

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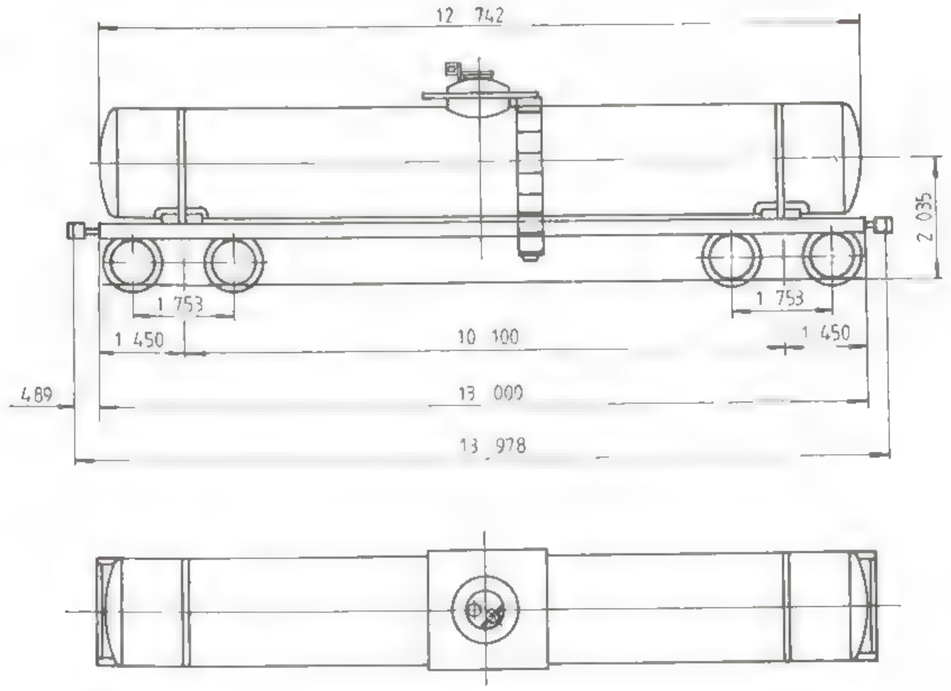

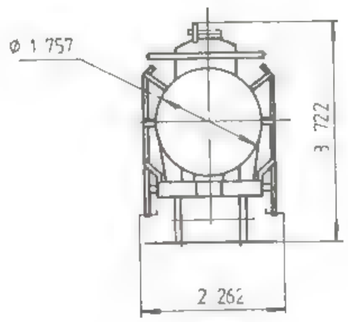

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
43 - 014 615 / 43 - 015 719 43 - 015 727 / 43 - 016 804	1980 - 81 1981 - 82

Remarks
Opmerkings :

Converted from Omskep van	Date Datum

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawgear Equipment — Trekwerkuitrusting
KK Coupler hydraulic cushioning device — Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device — Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
A Dual Power - Automatic — Tweekrag - Outomaties
R Slack Adjuster — Remverstelier
V Vacuum — Vakuum
L Air — Lug
D Dual Power - Manually operated — Tweekrag - Handbediening

Drawing Number Tekeningnommer	W 001 / D 061 W 001 / D 071		
Bogie Type Draaisteltipe	H S. MK VII		
Bearing Size Laergrootte	D		
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	10 / 10		
Brake System Remstelsel	V / R		
Brake Cylinders Remsilinders	(V) 2 / 18	(L)	
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 75,4 / 23,8	(L)	
Drawgear Equipment Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke Koppelaar / Juk	SE / E		

Centre of Gravity (Empty) Swaartepunt (Leeg)	1 160					
Tank Material Tenkmateriaal	SPEC CME 9, SYM 8 SPES SIM					
Tank Lining Tenkvoering						
Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor	80 000					
Originally designed for Oorspronklik ontwerp vir	SULPHURIC ACID SWAELSUUR					
Converted for Omskep vir						
Revision Hersiening						
Date Datum						

Capacity (full) l Inhoudsvermoe (vol) l	30 450	Tare (Average) kg Tarra (Gemiddeld)	23 330
Contents Inhoud		Capacity Inhoudsvermoë l	Mass kg Massa
SULPHURIC ACID SWAELSUUR		27 310	50 670 MAX MAKS

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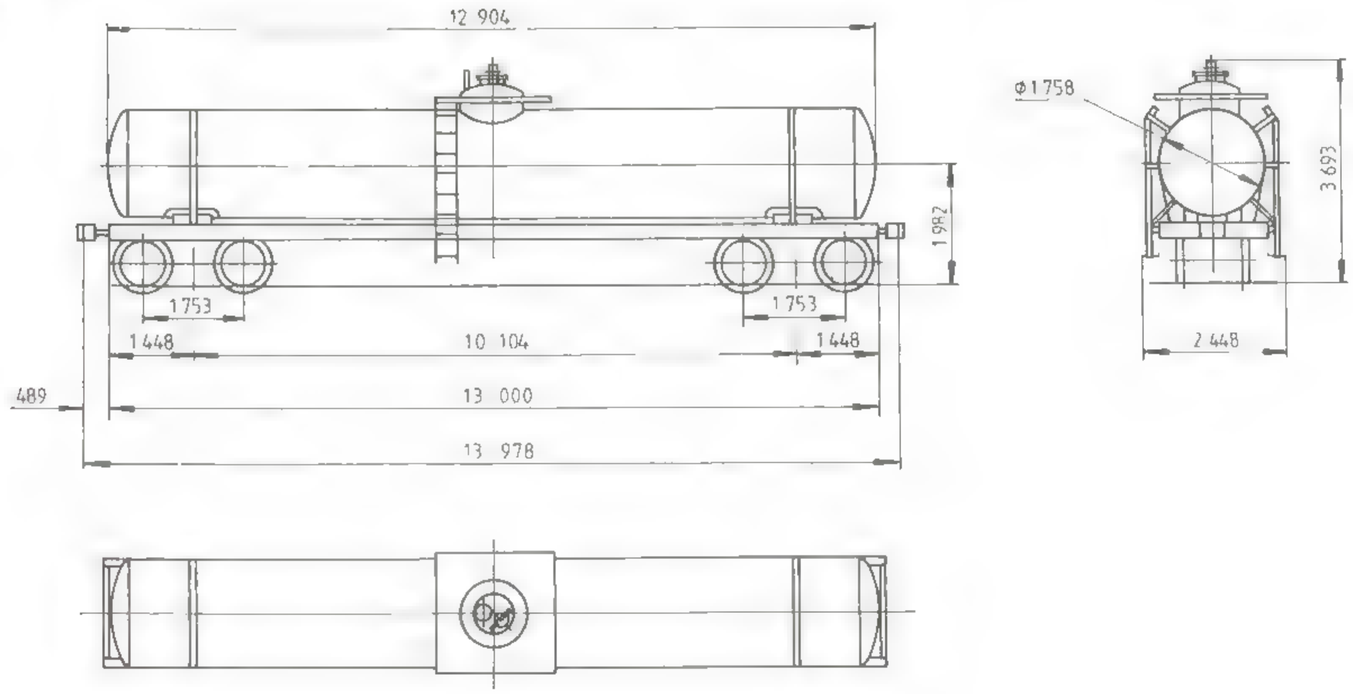

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
43 - 016 812 / 43 - 017 355	1985 - 86

Converted from Omskep van	Date Datum

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

Remarks
Opmerkings :-

For actual loads, capacities and ullages see drawing number
Vir werklike vragte inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12-A99

Drawing Number Tekeningnommer	w 001 / D088	
Bogie Type Draaisteltipe	H S MK vII	
Bearing Size Laergrootte	D	
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	10 / 10	
Brake System Remstelsel	V / R	
Brake Cylinders Remsilinders	(V) 2 / 21	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 75,81 / 23,8	(L)
Drawgear Equipment Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke Koppelaar / Juk	SE / E	

Centre of Gravity (Empty) Swaartepunt (Leeg)	1149				Capacity (full) l Inhoudsvermoe(vol) l	30 970	Tare (Average) kg Tarra(Gemiddeld) kg	23 240
					Contents Inhoud		Capacity Inhoudsvermoe l	Mass kg Massa kg
					SULPHURIC ACID SWAWELSUUR		27 480	50 760
Tank Material Tenkmateriaal	SPEC CME 9 SPES SYM S M 8							
Tank Lining Tenkvoering								
Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor	80 000							
Originally designed for Oorspronklik ontwerp vir	SULPHURIC ACID SWAWELSUUR							
Converted for Omskep vir								
Revision Hersiening								
Date Datum								

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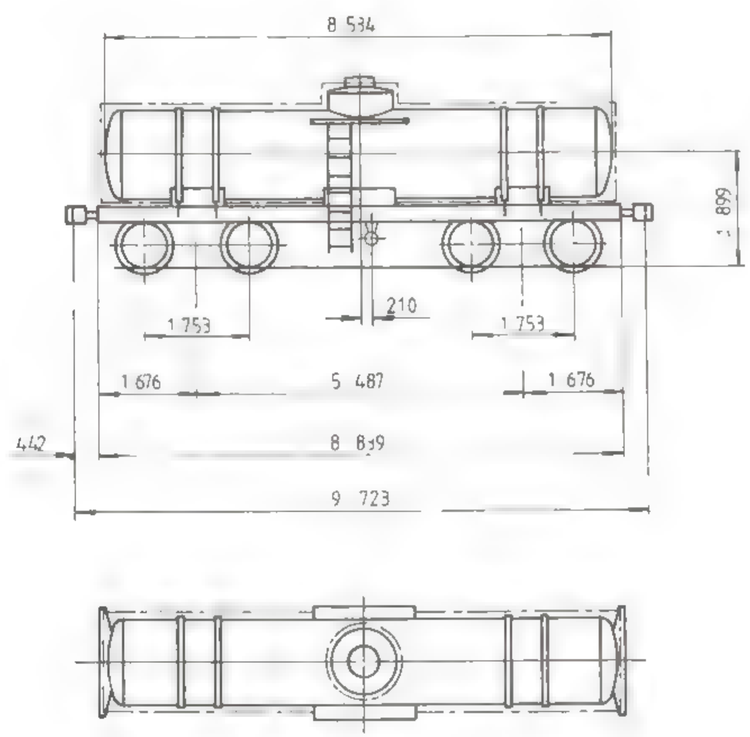
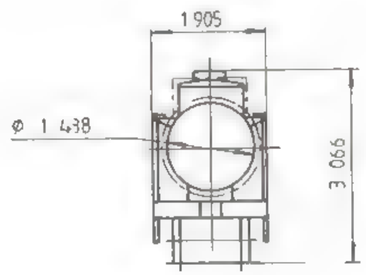
Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting

Brake System - Remstelsel
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power – Manually operated / Tweekrag – Handbediening





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
44 - 010 001	1939

Remarks / Opmerkings :- Fitted with Steam Heating Elements / Toegerus met Elemente vir Stoomverwarming

Converted from / Omskep van	Date / Datum

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W 1 / 9954		
Bogie Type / Draaisteltipe	DIAMOND FRAME / RAAMTRAAM		
Bearing Size / Laergrootte	11 × 5 1/2		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	8 / 0		
Brake System / Remstelsel	V		
Brake Cylinders / Remsilinders	(V) 1 / 21	(L)	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (50)	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 76,9 / 43,8	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)			Capacity (full) / Inhoudsvermoe (vol)	l 12 500	Tare (Average) / Tarra (Gemiddeld) kg	19 880
			Contents / Inhoud		Capacity / Inhoudsvermoe l	Mass / Massa kg
			TAR / TEER		12 500	15 000
Tank Material / Tenkmateriaal	SPEC / SPES CME 9	SYM / S M 8				
Tank Lining / Tenkvoering						
Design Limit - Mass on Rail kg / Ontwerpimiet - Massa op Spoor						
Originally designed for / Oorspronklik ontwerp vir	TAR / TEER					
Converted for / Omskep vir						
Revision / Hersiening						
Date / Datum						

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Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulıese kussingınrıgting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrou lese kussingınrıgting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

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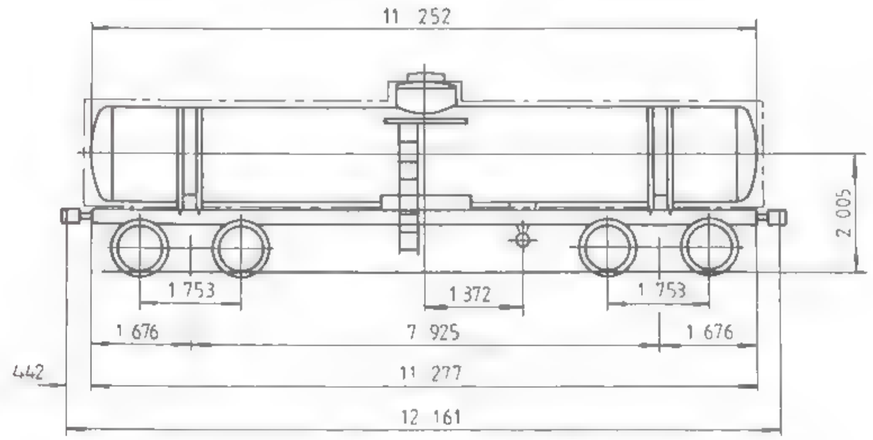

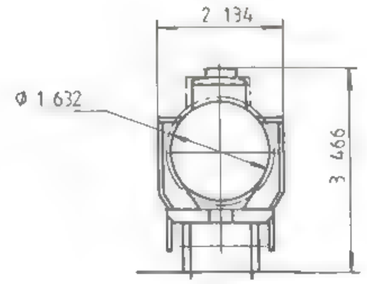

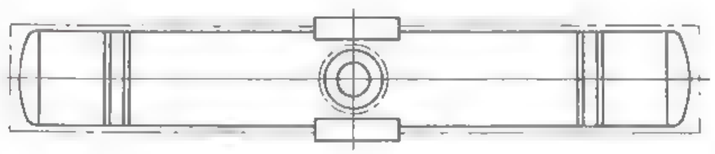

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
44 - 011 024 , 44 - 011 040	1951

Remarks / Opmerkings : Fitted with Steam Heating Elements / Toegerus met Elemente vir Stoomverwarming

Converted from / Omskep van	Date / Datum

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W 1 / 10323		
Bogie Type / Draaisteltipe	CANCAR		
Bearing Size / Laergrootte	10 / 5		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	8 / 0		
Brake System / Remstelsel	V		
Brake Cylinders / Remsilinders	(V) 1 / 21	(L)	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (50)	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 73,6 / 32,1	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR SA3		

Centre of Gravity (Empty) / Swaartepunt (Leeg)						
Tank Material / Tenkmateriaal			PE / PP CME 9		STM / CM 8	
Tank Lining / Tenkvoering						
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor						
Originally designed for / Oorspronklik ontwerp vir			WATER	TREACLE / STROOP	OIL / OLIE	
Converted for / Omskep vir			TAR / TEER			
Revision / Hersiening						
Date / Datum						

Capacity (full) / Inhoudsvermoe (vol) l	22 370	Tare (Average) kg / Tarra (Gemiddeld)	20 750
Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass / Massa kg
TAR / TEER		22 370	26 840

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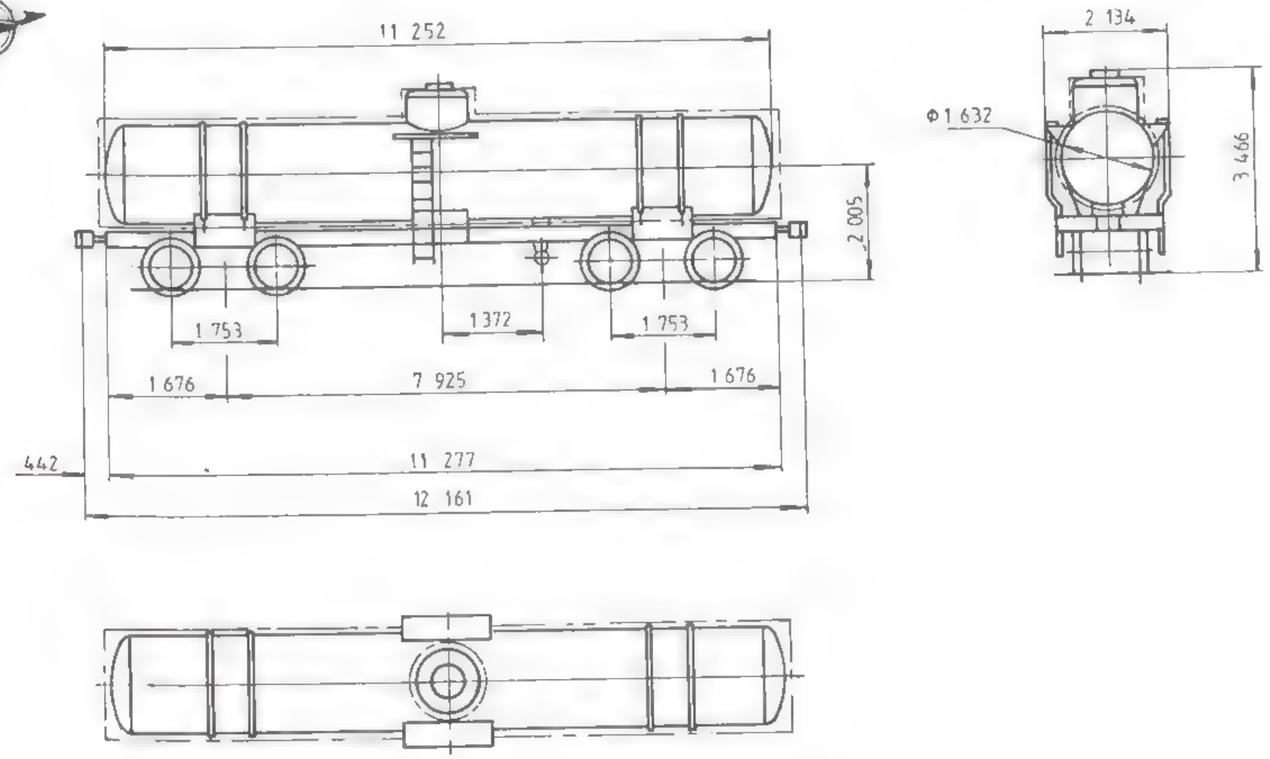
Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller



Remarks : Fitted with Steam Heating Elements
Opmerkings : Toegerus met Elemente vir Stoomverwarming

For actual loads, capacities and ullages see drawing number CME 240/12-A99
Vir werklike vragte, inhoudsvermoens en uitsituimtes kyk tekening nommer

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
44 - 013 035 / 44 - 013 108	1949 - 50

Converted from / Omskep van	Date / Datum
X - 16	1959

Drawing Number / Tekeningnommer	W 1/9382 W 1/9842		
Bogie Type / Draaisteltipe	CANCAR		
Bearing Size / Laergrootte	10×5		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	8/0		
Brake System / Remstelsel	V		
Brake Cylinders / Remsilinders	(V) 1/21	(L)	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (50)	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 73,6 / 32,1	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)						
Tank Material / Tenkmateriaal	SPEC SPES CME 9	SYM S.M 8				
Tank Lining / Tenkvoering						
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor						
Originally designed for / Oorspronklik ontwerp vir	WATER	TREACLE STROOP	OIL OLIE			
Converted for / Omskep vir	TAR TEER					
Revision / Hersiening						
Date / Datum						

Capacity (full) / Inhoudsvermoe(vol) L	22 410	Tare (Average) kg / Tarra (Gemiddeld)	20 760

Contents / Inhoud	Capacity / Inhoudsvermoe L	Mass kg / Massa
TAR / TEER	22 410	26 890

XT-6

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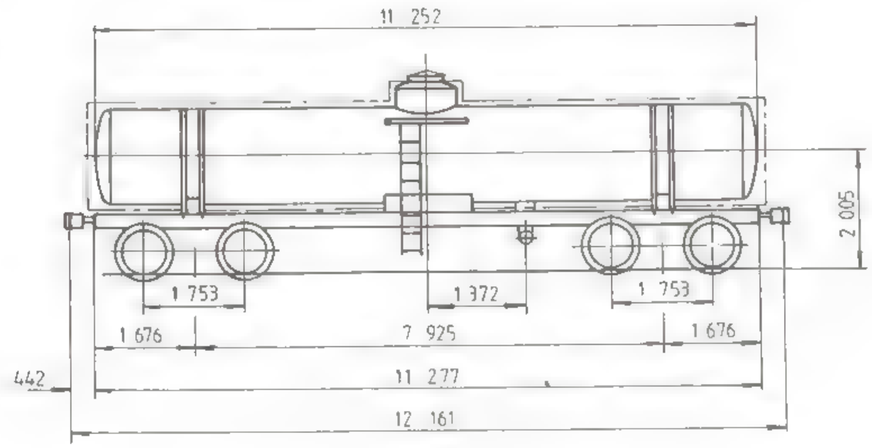
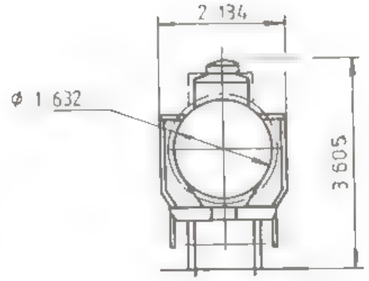
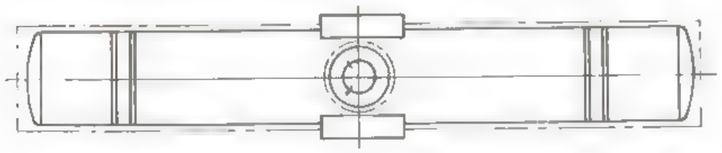
Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic
Tweekrag - Outomaties
R Slack Adjuster
Remversteller
V Vacuum
Vakuum
L Air
Lug
D Dual Power - Manually operated
Tweekrag - Handbediening







Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
44 - 014 007 / 44 - 014 236	1940 50

Remarks : Fitted with Steam Heating Elements
Opmerkings : Toegerus met Elemente vir Stoomverwarming

Converted from Omskep van	Date Datum
X - 16	1959 60

For actual loads capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number Tekeningnommer	W1 3382 W1 3846	CC SKETCH SKETS 19		Centre of Gravity (Empty) Swaartepunt (Leeg)			Capacity (full) Inhoudsvermoe(vol) L	22 090	Tare (Average) kg Tarra(Gemiddeld)	21 490
Bogie Type Draaistelltipe	DAM FRAME RAAM	CAST AR					Contents Inhoud		Capacity Inhoudsvermoe L	Mass kg Massa
Bearing Size Laergrootte	11 x 5 1/2	10 x 5					TAR TEER		22 090	26 510
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	4 E UP	8 / 0		Tank Material Tenkmateriaal	SPEC CME 9	SYM SM 8	DIESEL OIL DIESELOLIE		22 090	18 560
Brake System Remstelsel	V			Tank Lining Tenkvoering						
Brake Cylinders Remsilinders	(V) 1 / 21	(L)		Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor						
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 45 (50)	(L)		Originally designed for Oorspronklik ontwerp vir	WATER	TREACLE STROOP				
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 71,4 / 31,9*	(L)		Converted for Omskep vir	TAR TEER					
Drawgear Equipment Trekwerkuitrusting	AAR M901 E			Revision Hersiening						
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR - SAS			Date Datum						

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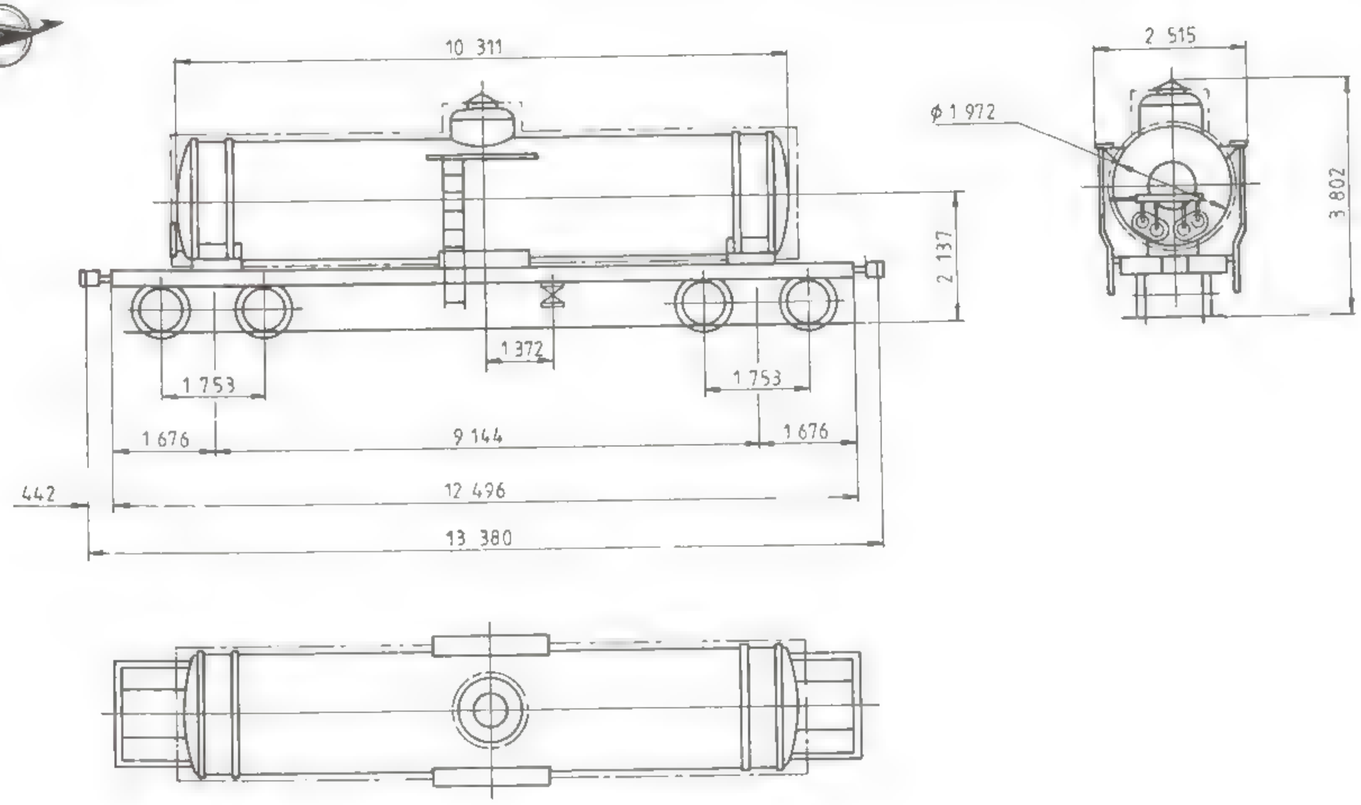
13

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingmrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingmrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller



Remarks : FITTED WITH STEAM HEATING ELEMENTS
Opmerkings : TOEGERUS MET ELEMENTE VIR STOOMVERWARMING

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
44-015 046 / 44-015 305	1964

Converted from / Omskep van	Date / Datum

For actual loads, capacities and ullages see drawing number / Vir werklike vragte inhoudsvermoens en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	CME 141/12 - A21		Centre of Gravity (Empty) / Swaartepunt (Leeg)			Capacity (full) / Inhoudsvermoe (vol) L	30 000	Tare (Average) kg / Tarra (Gemiddeld)	23 950
Bogie Type / Draaisteltipe	SARCAST					Contents / Inhoud		Capacity / Inhoudsvermoe L	Mass kg / Massa
Bearing Size / Laergrootte	11 × 5½					TAR / TEER		30 000	36 000
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6/6		Tank Material / Tenkmateriaal	SPEL SPES CME 9	SYM SIM 8				
Brake System / Remstelsel	V		Tank Lining / Tenkvoering						
Brake Cylinders / Remsilinders	(V) 2/18	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000					
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	TAR / TEER					
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 77,5/32	(L)	Converted for / Omskep vir						
Drawgear Equipment / Trekwerkuitrusting	AAR, M901-E		Revision / Hersiening						
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		Date / Datum						

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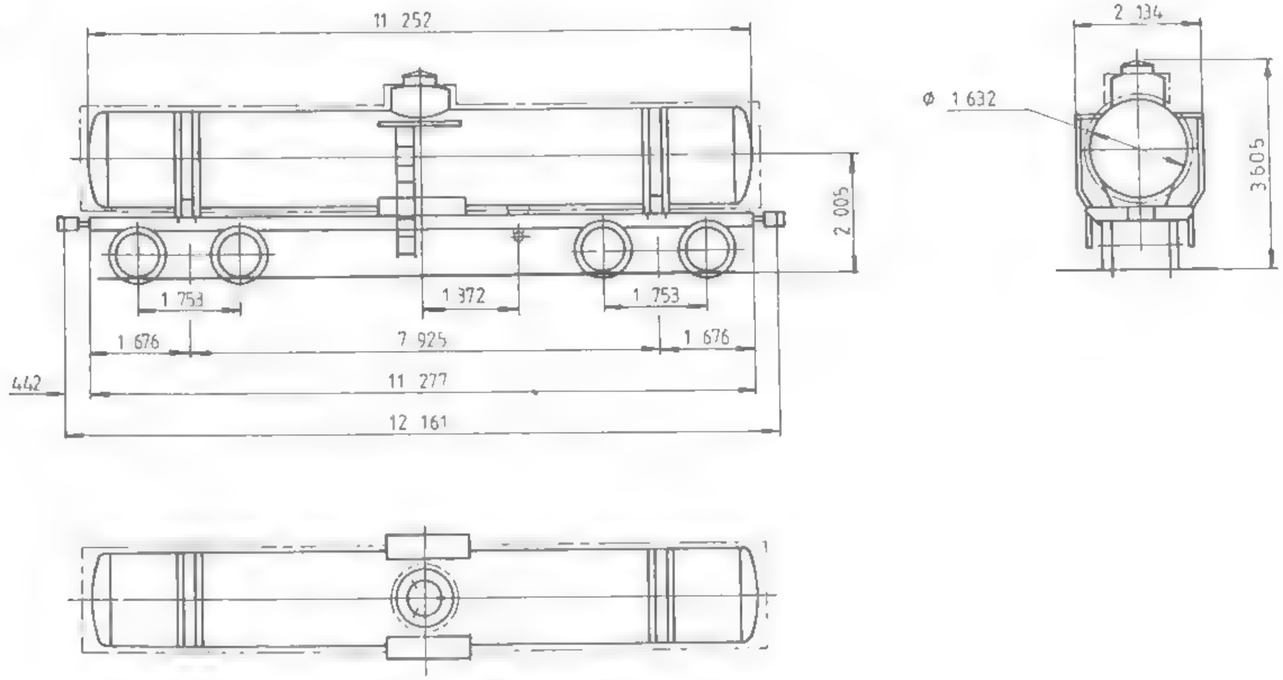
Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller



Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
44 - 016 018 / 44 - 016 433	1948 - 50

Converted from / Omskep van	Date / Datum
X - 16	1964 - 65

Remarks / Opmerkings: Fitted with Steam Heating Elements / Toegerus met Elemente vir Stoomverwarming

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W1/9382 CDO W1/9842	SKETCH SKETS 620
Bogie Type / Draaisteltipe	DIAM FRAME RUITRAAM	CANCAR
Bearing Size / Laergrootte	11 × 5½	10 × 5
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	4 ELLP	8/C
Brake System / Remstelsel	V	
Brake Cylinders / Remsilinders	(V) 1/21	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50)	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 76 4 /32 9	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)					
Tank Material / Tenkmateriaal	SPEC SPES CME 9	SYM SIM B			
Tank Lining / Tenkvoering					
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor					
Originally designed for / Oorspronklik ontwerp vir	WATER	TREACLE STROOP	OIL OLIE		
Converted for / Omskep vir	TAR TEER				
Revision / Hersiening					
Date / Datum					

Capacity (full) / Inhoudsvermoe (vol) L	22 050	Tare (Average) kg / Tarra (Gemiddeld)	20 010

Contents / Inhoud	Capacity / Inhoudsvermoe L	Mass / Massa kg
TAR / TEER	22 050	20 460
FURNACE OIL / BRANDOLIE	22 050	26 460
DIESEL OIL / DIESELOLIE	22 050	18 540

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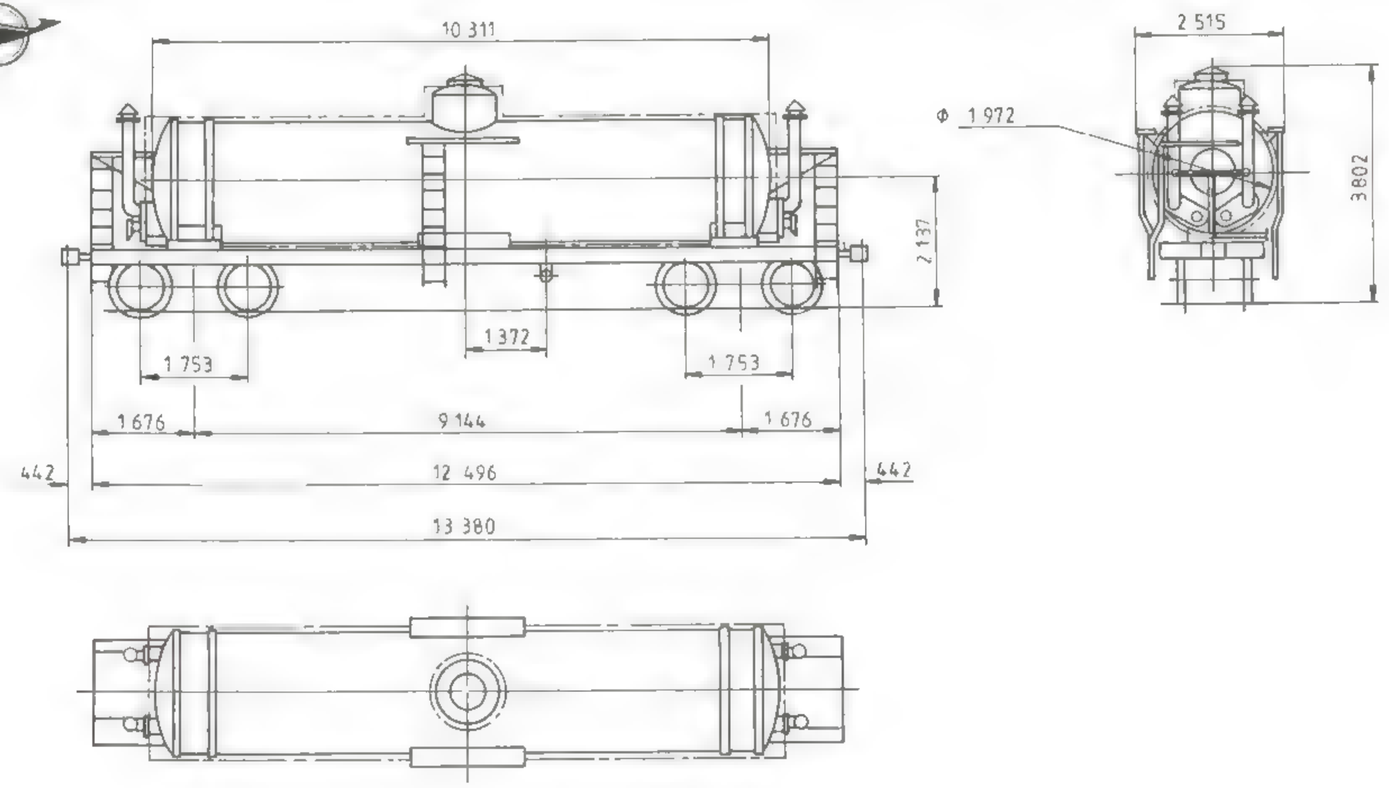

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
44-017 006 / 44-017 278	1966-'67

Converted from / Omskep van	Date / Datum

Remarks / Opmerkings : FITTED WITH STEAM/FLAME HEATING ELEMENTS
TOEGERUS MET ELEMENTE VIR STOOM-/ VLAMVERWARMING

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12-A99

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulïese kussingmgting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulïese kussingmgting

Brake System - Remsteisel
V Vacuum / Vakuum
L Air / Lug
□ Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Drawing Number / Tekeningnommer		W 1 / 20046	
Bogie Type / Draaisteltipe		SARCAST	
Bearing Size / Laergrootte		11 × 5½	
Springs per Bogie / Vere per Draaistel	Outer / Inner / Buite / Binne	6 / 6	
Brake System / Remsteisel		V	
Brake Cylinders / Remsilinders		(V) 2 / 18	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp		(V) 65	(L)
Brake Percentage / Rempersentasie	Empty / Loaded / Leeg / Met Vrag	(V) 71,3 / 31,1	(L)
Drawgear Equipment / Trekwerkuitrusting		AAR M 901-E	
Coupler / Yoke / Koppelaar / Juk		SASKOP-S / SAR-SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)		1326			
Tank Material / Tenkmateriaal		SPEC / SPES CME 9	SYM / SIM B		
Tank Lining / Tenkvoering					
Design Limit - Mass on Rail kg / Ontwerpimiet - Massa op Spoor		60 000			
Originally designed for / Oorspronklik ontwerp vir		TAR / TEER			
Converted for / Omskep vir					
Revision / Hersiening					
Date / Datum					

Capacity (full) l / Inhoudsvermoe(vol) l	29 660	Tare (Average) kg / Tarra(Gemiddeld) kg	26 040
Contents / Inhoud		Capacity / Inhoudsvermoe l	Mass / Massa kg
TAR / TEER		29 660	35 590

XT-10

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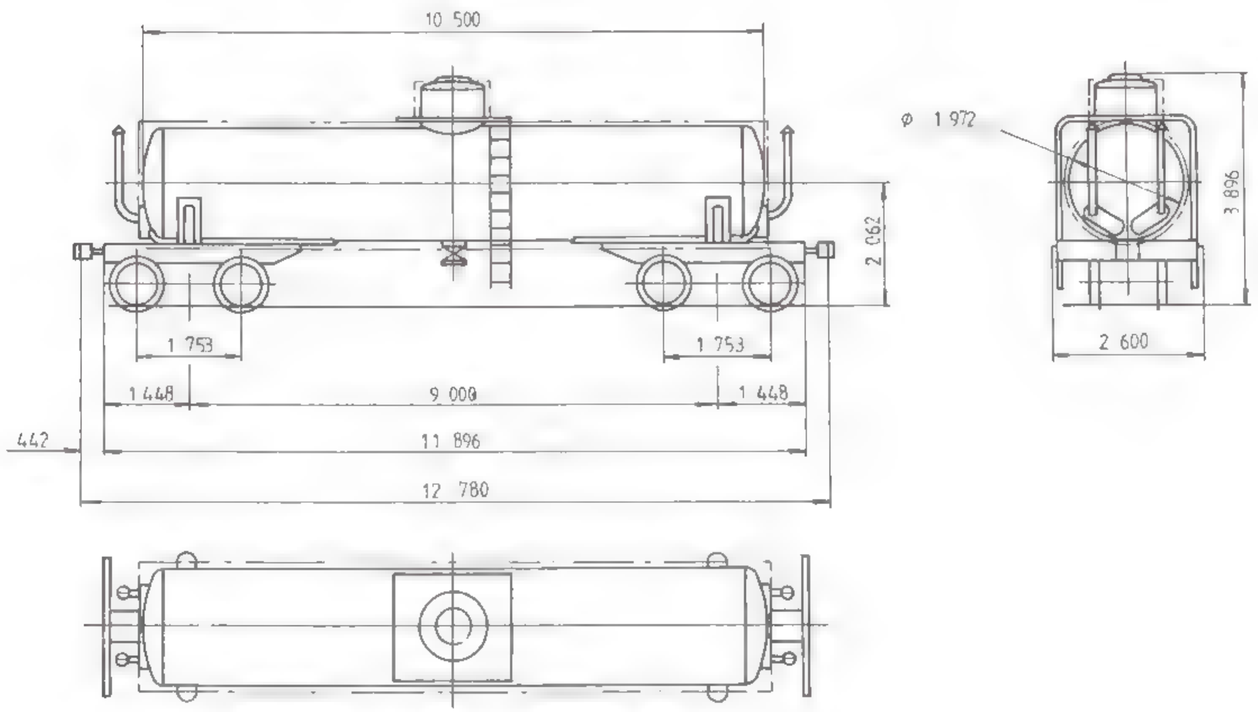
Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingnrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingnrigting

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller



Remarks / Opmerkings: Fitted with Steam / Flame Heating Elements / Toegerus met Elemente vir Stoom- / Vlamverwarming

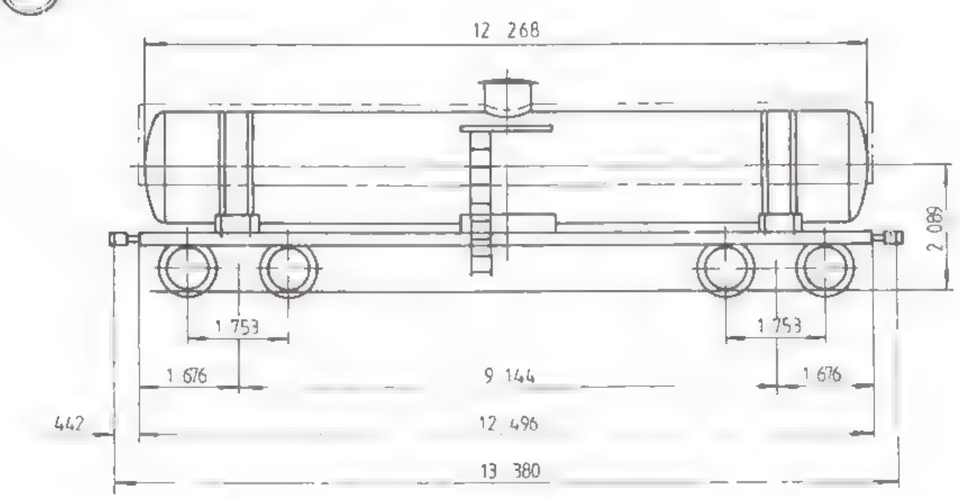
For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12 - A99

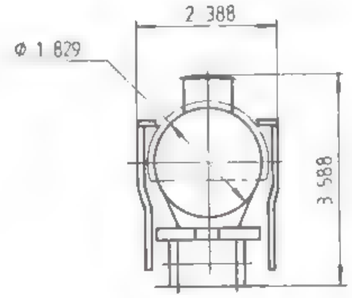
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
44 017 286, 44 - 017 316	1972
44 017 332, 44 - 017 359	1972
44 017 464	1972
44 - 017 480 / 44 - 017 588	1972
44 017 618	1972
44 017 650	1972
44 017 669	1972
44 017 715	1972
44 - 017 756 / 44 - 017 812	1972

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	W.C01 / A004		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1290	Capacity (full) / Inhoudsvermoe (vol) L	30 190	Tare (Average) / Tarra (Gemiddeld) kg	24 340
Bogie Type / Draaisteltipe	SPOORBARBER				Contents / Inhoud		Capacity / Inhoudsvermoe L	Mass / Massa kg
Bearing Size / Laergrootte	C				TAR / TEER		30 190	35 660
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 4		Tank Material / Tenkmateriaal	PE, CME 9 SM, SM 8	TALLOW / VETTALK		30 190	27 500
Brake System / Remstelsel	V...		Tank Lining / Tenkvoering					
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000				
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	TAR / TEER				
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 82,1 / 33,3	(L)	Converted for / Omskep vir					
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening					
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		Date / Datum					

XT - 11





Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
46 - 012 001 / 46 - 012 338	1965

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting

XPL-3

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Remarks / Opmerkings :-

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number - Tekeningnommer	W 1 / 20034		Centre of Gravity (Empty) Swaartepunt (Leeg)		Capacity (full) Inhoudsvermoë(vol) L	31 370	Tare (Average) Tarra(Gemiddeld) kg	32 800
Bogie Type Draaisteltipe	SARCAST				Contents Inhoud		Capacity Inhoudsvermoe L	Mass Massa kg
Bearing Size Laergrootte	11 × 5½				L P G V P G		28 470	15 050
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	6 / 0		Tank Material Tenkmateriaal	SPEC SPES CME 9 SYM S M 6	PROPANE PROPAAN		27 980	14 010
Brake System Remstelsel	V		Tank Lining Tenkvoering					
Brake Cylinders Remsilinders	(V) 2 / 21	(L)	Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor					
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for Oorspronklik ontwerp vir	L P G V P G				
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 43,9 / 29,3	(L)	Converted for Omskep vir					
Drawgear Equipment Trekwerkuitrusting	AAR M901 E		Revision Hersiening					
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR - SAS		Date Datum					

Converted from Omskep van	Date Datum

XV-3

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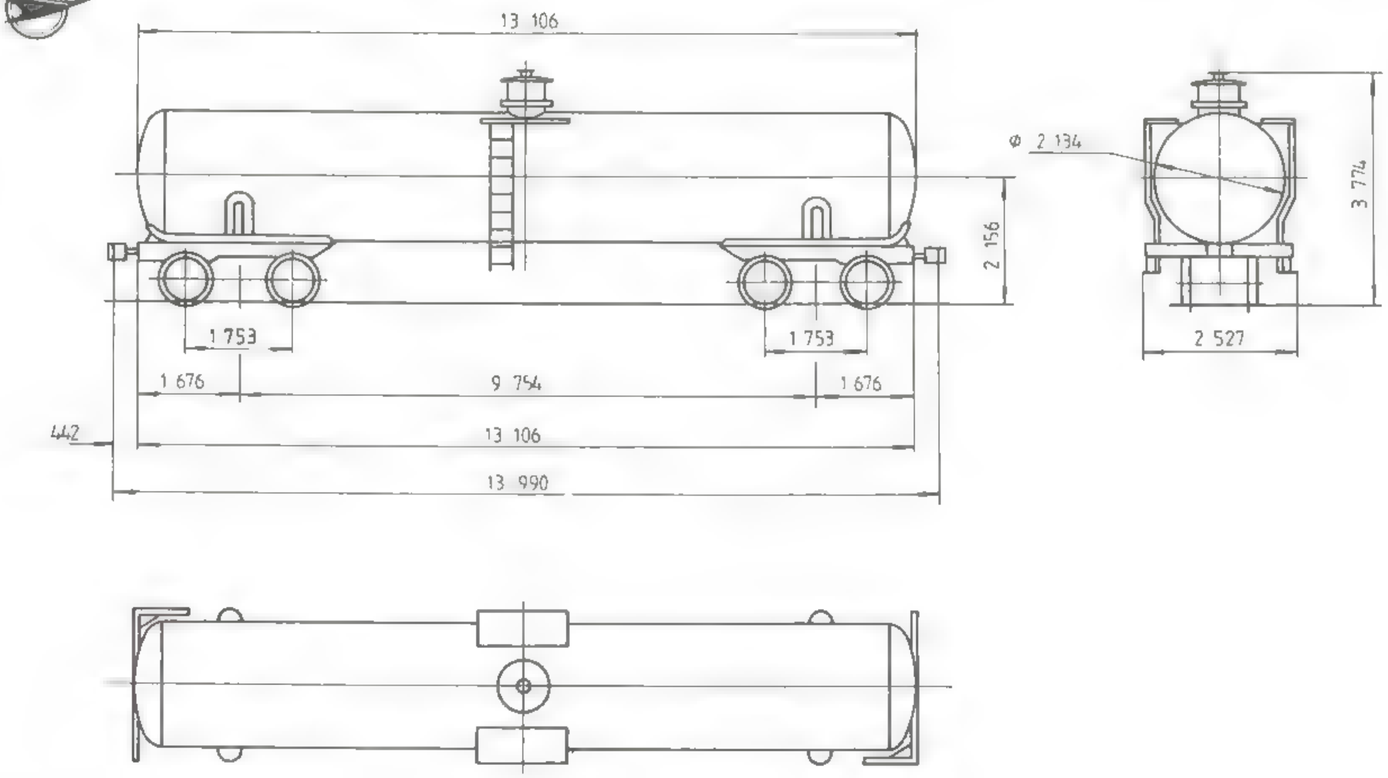


Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
46 - 013 008 / 46 - 013 539	1967

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulliese kussinginrigting

XPL-4

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Remarks / Opmerkings :-

Converted from Omskep van	Date Datum

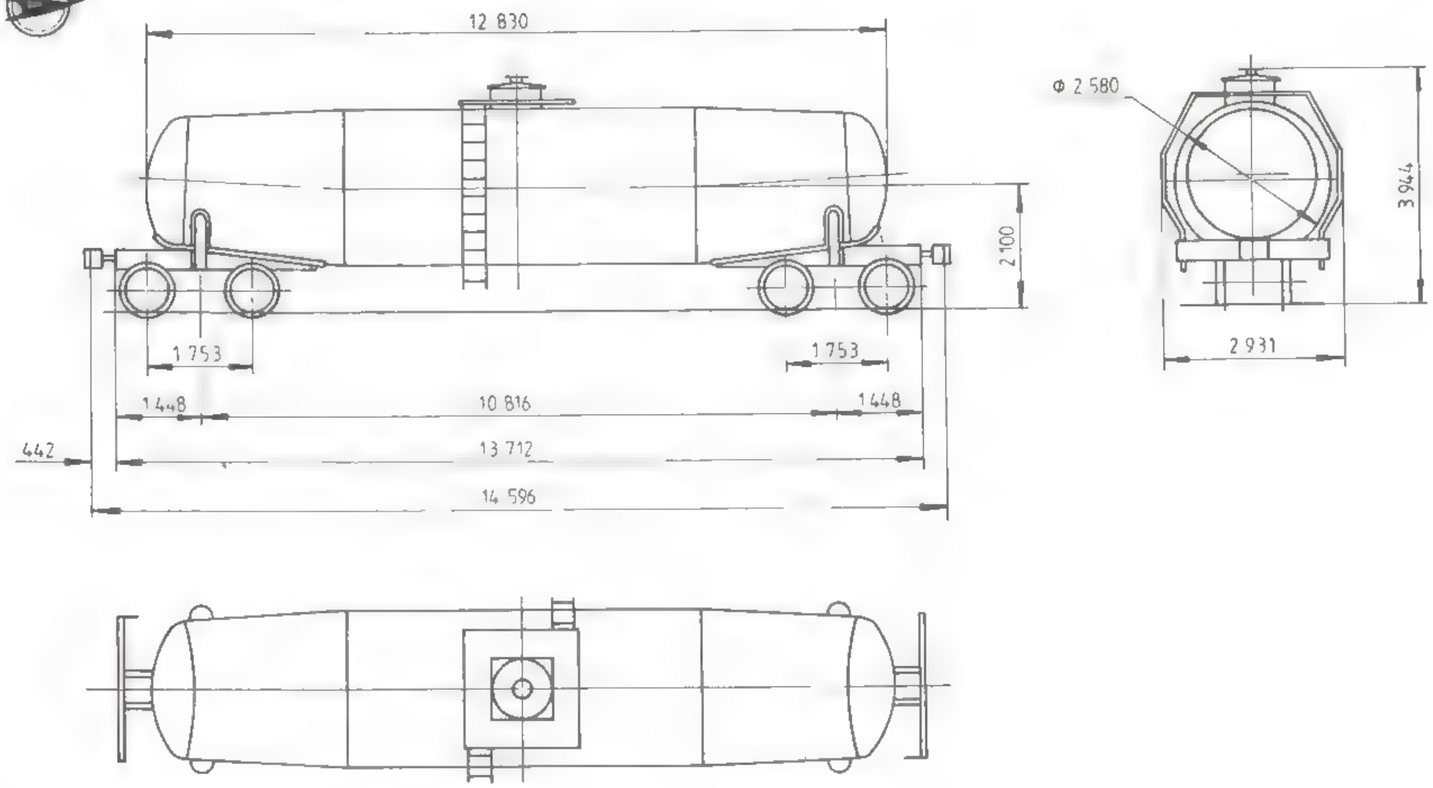
For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12-A99

Drawing Number / Tekeningnommer	W 2 / 20036		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 465	Capacity (full) / Inhoudsvermoë (vol) L	45 420	Tare (Average) / Tarra (Gemiddeld) kg	27 530
Bogie Type / Draaisteltipe	SARCAST				Contents / Inhoud		Capacity / Inhoudsvermoë L	Mass / Massa kg
Bearing Size / Laergrootte	11 × 5 1/2				L P G V P G		42 160	22 280
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	8 / 8		Tank Material / Tenkmateriaal	B S 1501 - 151 GR 28A	PROPANE PROPAAN		41 520	20 790
Brake System / Remstelsel	V		Tank Lining / Tenkvoering					
Brake Cylinders / Remsilinders	(V) 2 / 21	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor					
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	L P G V P G				
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 80,7 / 44,6	(L)	Converted for / Omskep vir					
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		Revision / Hersiening					
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		Date / Datum					

XV - 4

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller



Remarks
Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
46 - 014 004 / 46 - 014 276	1972

Converted from / Omskep van	Date / Datum
XM-7 (ex XV-5)	1986 87

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W001/A003		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 429		Capacity (full) / Inhoudsvermoë (vol) L	58 750	Tare (Average) kg / Tarra (Gemiddeld)	28 020
Bogie Type / Draaisteltipe	SPOORBARBER					Contents / Inhoud		Capacity / Inhoudsvermoe L	Mass / Massa kg
Bearing Size / Laergrootte	C					LPG / VPG		54 530	28 810
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 4		Tank Material / Tenkmateriaal	BS 1501 - 151 GR 28 A		PROPANE / PROPAAN		53 630	26 860
Brake System / Remstelsel	V / R		Tank Lining / Tenkvoering						
Brake Cylinders / Remsilinders	(V) 2/21	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000					
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	LPG / VPG					
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 92 / 45, 36	(L)	Converted for / Omskep vir						
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		Revision / Hersiening						
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		Date / Datum						

XV-5

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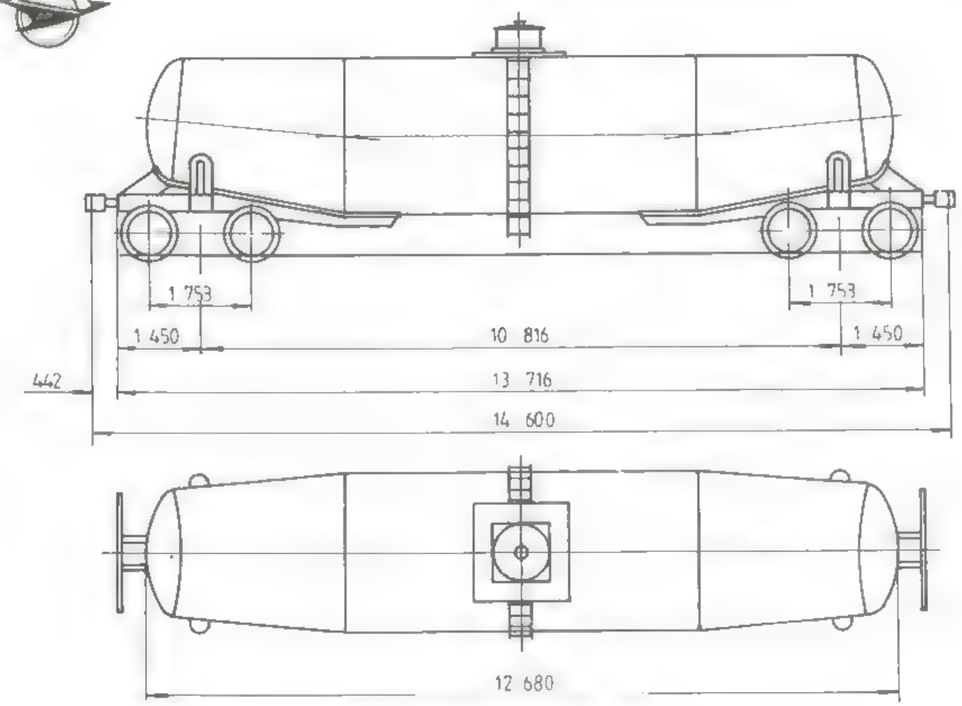
Drawgear Equipment - Trekwerkuitrusting

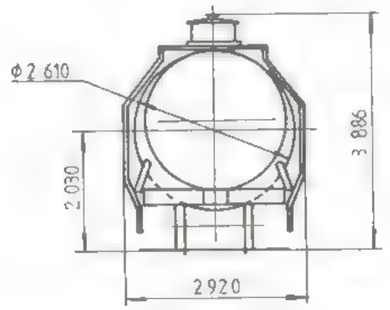
KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
46 - 014 284 / 46 - 014 497 46 - 014 500 / 46 - 014 543	1972

Remarks / Opmerkings :

Converted from / Omskep van	Date / Datum
XM-8 (ex XV - 6)	1984

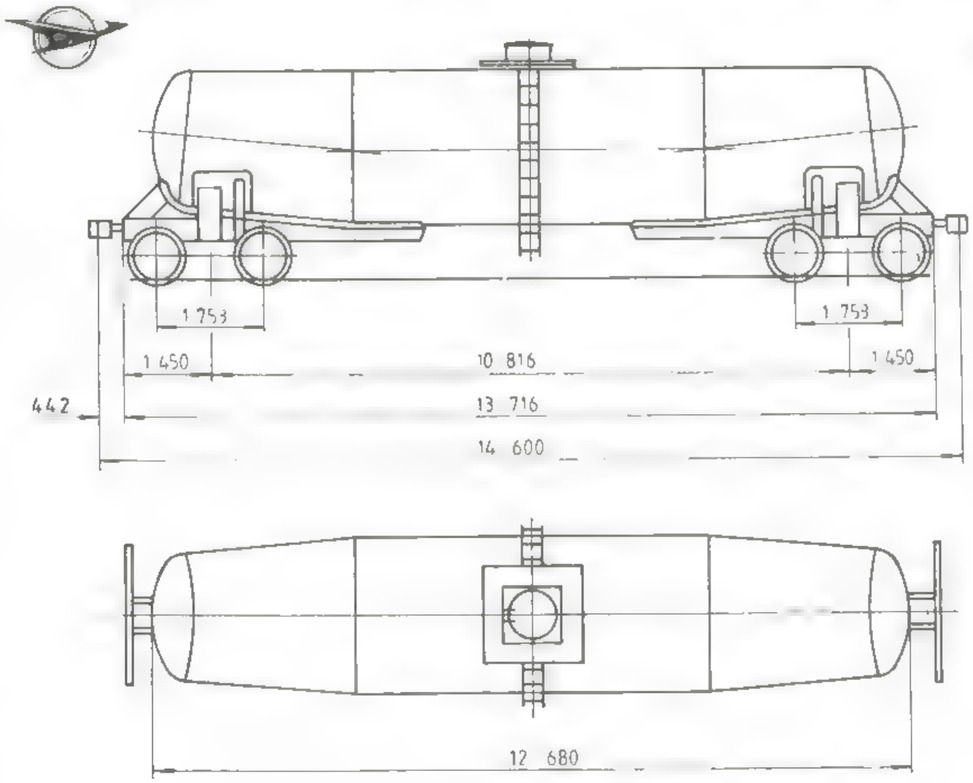
For actual loads, capacities and ullages see drawing number / Vir werklike vragte inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

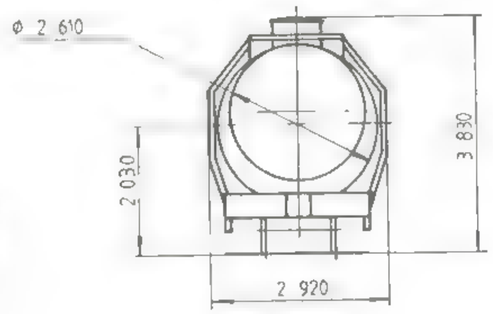
Drawing Number / Tekeningnommer	W 001 / V006		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 388		Capacity (full) / Inhoudsvermoe(vol) L	59 090	Tare (Average) / Tarra(Gemiddeld) kg	21 250
Bogie Type / Draaisteltipe	SPOORBARBER					Contents / Inhoud		Capacity / Inhoudsvermoë L		Mass / Massa kg	
Bearing Size / Laergrootte	C					L P G V P G		54 950		33 030	
Springs per Bogie / Vere per Draaistel — Outer / Buite — Inner / Binne	10 / 4		Tank Material / Tenkmateriaal	ASTM A516 GR 70		PROPANE PROPAAN		54 040		32 060	
Brake System / Remstelsel	V / R		Tank Lining / Tenkvoering								
Brake Cylinders / Remsilinders	(V) 2 / 21	(L)	Design Limit - Mass on Rail / Ontwerplimiet - Massa op Spoor kg	60 000							
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	L P G V P G							
Brake Percentage — Empty / Loaded / Rempersentasie — Leeg / Met Vrag	(V) 70 ? / 34,3	(L)	Converted for / Omskep vir								
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		Revision / Hersiening								
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		Date / Datum								

XV - 6

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
46 - 014 551 / 46 - 014 810	1976 - 77

Remarks / Opmerkings :-

Converted from / Omskep van	Date / Datum

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W 001 / V 012		
Bogie Type / Draaisteltipe	SPOORBARBER		
Bearing Size / Laergrootte	C		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10, 4		
Brake System / Remstelsel	V / R		
Brake Cylinders / Remsilinders	(V) 1/ 21	(L)	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 56,8 / 27,7	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 451				
Tank Material / Tenkmateriaal	ASTM A516 GR 70				
Tank Lining / Tenkvoering					
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000				
Originally designed for / Oorspronklik ontwerp vir	L P G / V P G				
Converted for / Omskep vir					
Revision / Herstelling					
Date / Datum					

Capacity (full) / Inhoudsvermoe (vol) L	58 990	Tare (Average) kg / Tarra (Gemiddeld)	27 520
Contents / Inhoud		Capacity / Inhoudsvermoë L	Mass / Massa kg
L P G / V P G		54 850	28 980
PROPANE / PROPAAN		53 950	27 020

XV - 7

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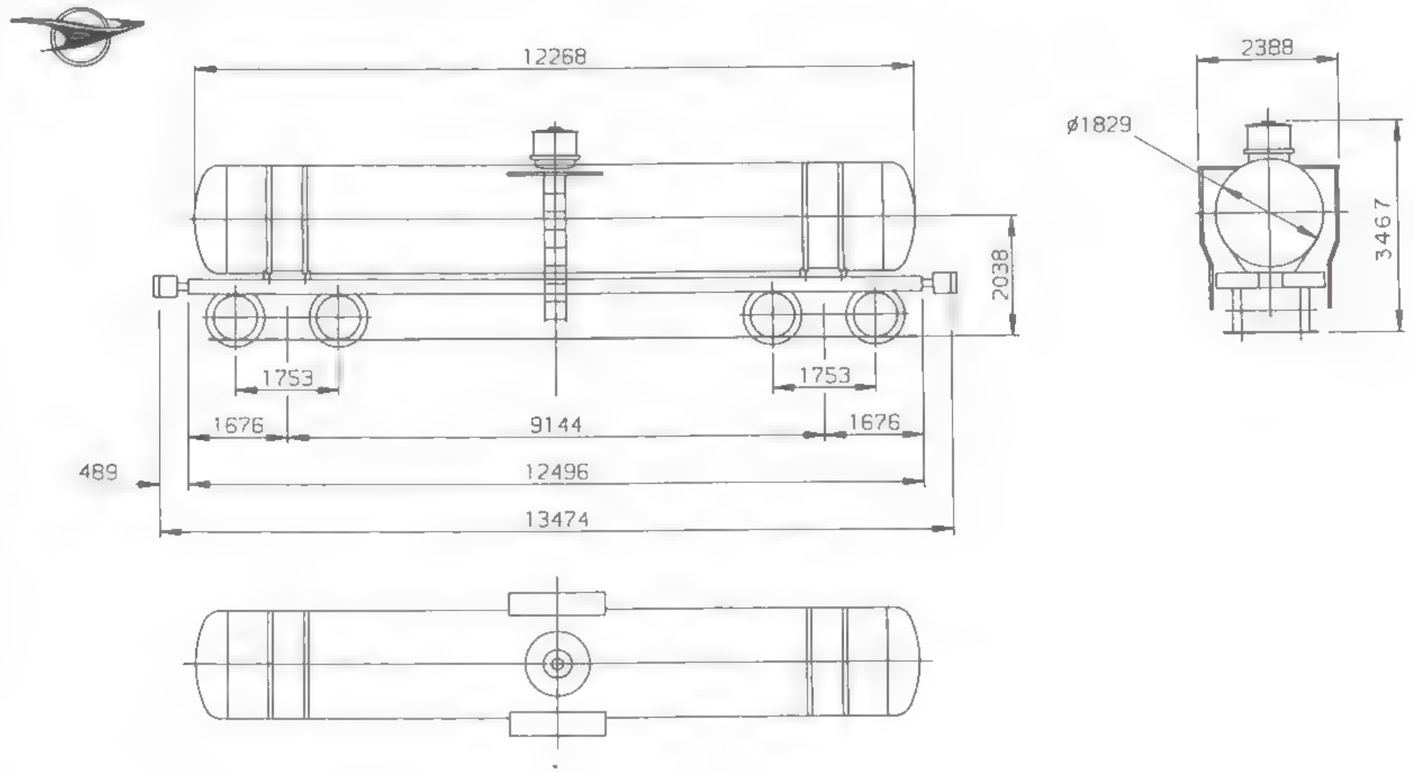

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
*1. 46-017 003 / 36-017 216	1952-1955
*2 46-017 224 / 46-017 291	1952-1961

Converted from / Omskep van	Date / Datum
XN-1	1988

Remarks / Opmerkings *

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12-A99

Drawing Number / Tekeningnommer	W.1/10833		
Bogie Type / Draaistelt ipe	DIAMOND FRAME *1	SARCAST *2	
Bearing Size / Laergrootte	11x5½		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6/6 *1	6/0 *2	
Brake System / Remstelsel	V		
Brake Cylinders / Remsilinders	(V) 2/18	(L)	
Train Pipe/Treinpyp / Brake Pipe/Rempyp	(V) 65(50)	(L)	
Brake Percentage Empty/Loaded / Rempersentasie Leeg/Met Vrag	(V) 43,4/28,6	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler/Yoke / Koppelaar/Juk	SE/E		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1359
Tank Mater ial / Tenkmateriaal	SPEC CME 9 SYM 6 / SPES SIM
Tank Lining / Tenkvoering	
Design Limit-Mass on Rail kg / Ontwerplimiet-Massa op Spoor	
Originally designed for / Oorspronklik ontwerp vir	ANHYDROUS AMMONIA / WATERVRY AMMONIAK
Converted for / Omskep vir	
Revision / Herslening	
Date / Datum	

Capacity(full) / Inhoudsvermoë(vol) L	30 600	Tare(Average) / Tarra(Gem ddeld) kg	29 10
Contents / Inhoud		Capacity / Inhoudsvermoë L	Mass / Massa kg
L.P.G. / V.P.G.		28530	15080
PROPANE / PROPAAN		28060	14050

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CAD.No. A8/0027

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System Remstelsel

A Dual Power - Automatic / Tweekrag - Outomaties

R Slack Adjuster / Remversteller

V Vacuum / Vakuum

L Air / Lug

D Dual Power - Manually operated / Tweekrag - Handbediening

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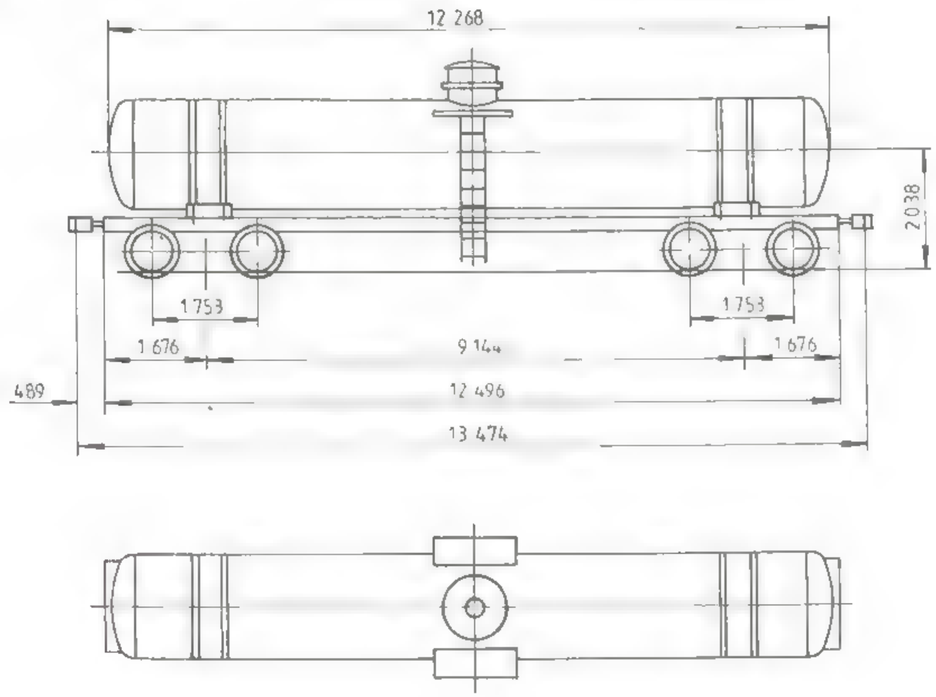

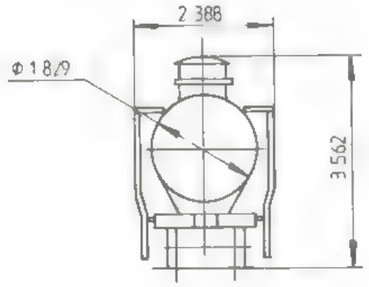

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
Dual Power - Automatic
A Tweekrag - Outomaties
Slack Adjuster
R Remversteller
Vacuum
V Vakuum
Air
L Lug
Dual Power - Manually operated
D Tweekrag - Handbediening

Remarks
Opmerkings :-

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoens en uitsituimtes kyk tekening nommer CME 240/12-A99

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
46 - 010 009 / 46 - 010 521 46 - 010 548 / 46 - 010 610	1956 - 63 1955 - 61

Converted from Omskep van	Date Datum
◓ XV-1 (ex XN-1)	1962 - 86
XV 1	1986

Drawing Number Tekeningnommer	W 1 / 10833	
Bogie Type Draaisteltipe	DIAM FRAME RUITRAAM	SARCAST
Bearing Size Laergrootte	11 × 5 1/2	11 × 5 1/2
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	4 ELLIP	6/0
Brake System Remstelsel	V/R	
Brake Cylinders Remsilinders	(V) 2/15	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65(50)	(L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 33,1/22,5	(L)
Drawgear Equipment Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke Koppelaar / Juk	SE/E	

Centre of Gravity (Empty) Swaartepunt (Leeg)	1 335		Capacity (full) Inhoudsvermoe(vol) L	30 900	Tare (Average) kg Tarra(Gemiddeld)	32 220			
			Contents Inhoud		Capacity Inhoudsvermoe L	Mass kg Massa			
			LPG VPG		28 730	15 180			
Tank Material Tenkmateriaal	SPEC. CME 9, SYM 6 SPES SIM		PROPANE PROPAAN		28 260	14 150			
Tank Lining Tenkvoering									
Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor									
Originally designed for Oorspronklik ontwerp vir	LPG VPG								
Converted for Omskep vir									
Revision Hersiening									
Date Datum									

XVJ-1

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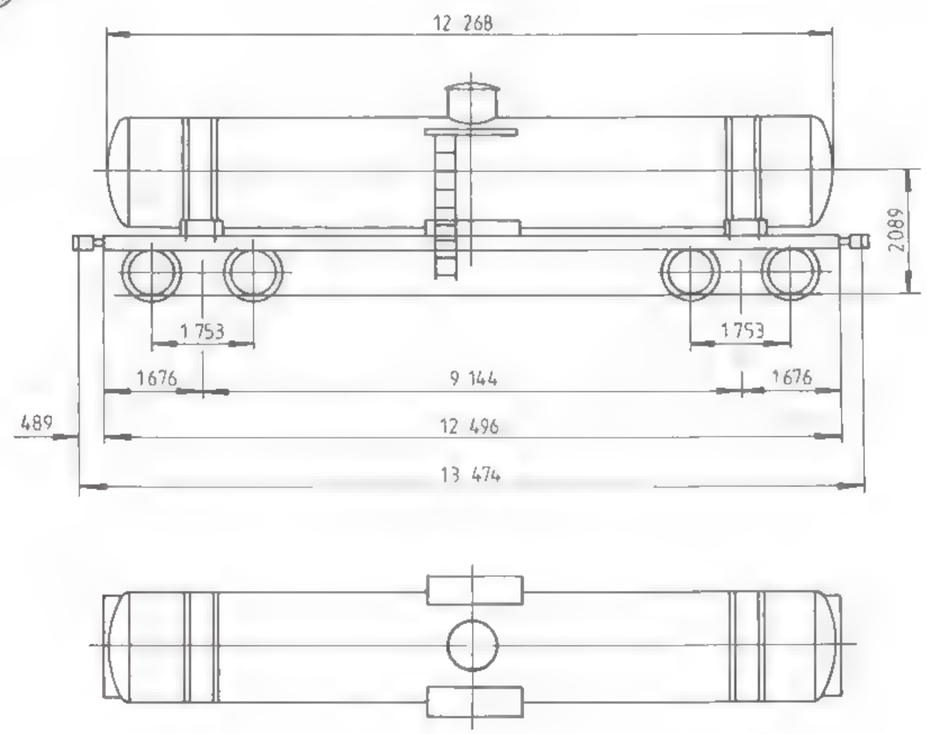
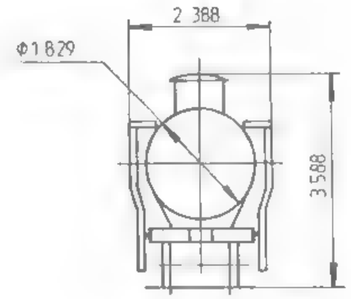
Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidroulïese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidroulïese kussinginrigting





Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
46 - 011 005 / 46 - 011 269	1963 - 64

Remarks
Opmerkings :-

Converted from , Omskep van	Date Datum
XV - 2	1985 - 86

For actual loads, capacities and ullages see drawing number
Vir werklike vragte,inhoudsvermoens en uitsituimtes kyk tekening nommer CME 240/12 - A99

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomatries
R Slack Adjuster / Remversteller

Drawing Number / Tekeningnommer	CME 134/12 - A21		
Bogie Type / Draaisteltipe	SARCAST		
Bearing Size / Laergrootte	11 × 5 1/2		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6/0		
Brake System / Remstelsel	V/R		
Brake Cylinders / Remsilinders	(V) 2 ×15	(L)	
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 33.65/22.79	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SE/E		

Centre of Gravity (Empty) / Swaartepunt (Leeg)						
Tank Material / Tenkmateriaal	SPEC / SPES CME 9, SYM / SIM 6					
Tank Lining / Tenkvoering						
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor						
Originally designed for / Oorspronklik ontwerp vir	LPG / VPG					
Converted for / Omskep vir						
Revision / Hersiening						
Date / Datum						

Capacity (full) / Inhoudsvermoë (vol) l	31 030	Tare (Average) kg / Tarra (Gemiddeld)	32 000
Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass / Massa kg
LPG / VPG		28 850	15 250
PROPANE / PROPAAN		28 380	14 210

XVJ-2

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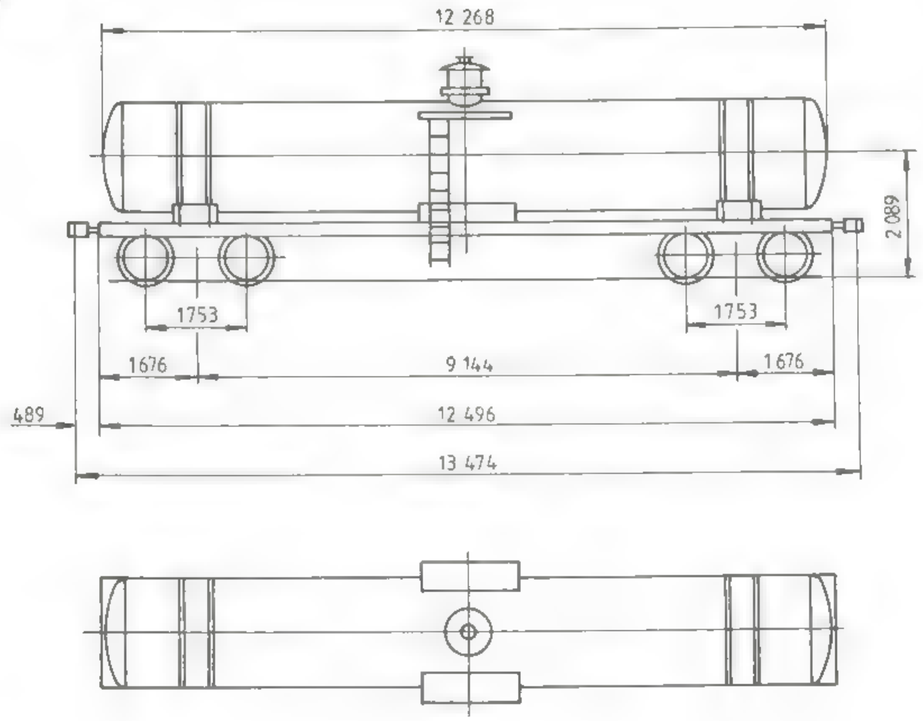

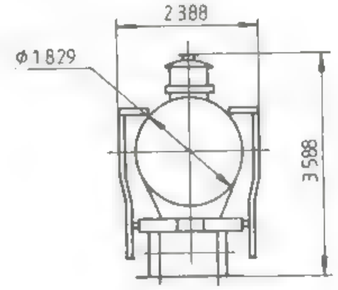

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
46 - 012 001 / 46 - 012 338	1965

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

Remarks / Opmerkings :

Converted from / Omskep van	Date / Datum
XV - 3	1986 - 87

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W 1 / 20034	
Bogie Type / Draaisteltipe	SARCAST	
Bearing Size / Laergrootte	11 × 5 1/2	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6 / 0	
Brake System / Remstelsel	V / R	
Brake Cylinders / Remsilinders	(V) 1 / 21	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 35,4 / 24,1	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E	
Coupler / Yoke / Koppelaar / Juk	SE / E	

Centre of Gravity (Empty) / Swaartepunt (Leeg)			Capacity (full) / Inhoudsvermoe (vol) L	31 370	Tare (Average) kg / Tarra (Gemiddeld)	32 800
			Contents / Inhoud		Capacity / Inhoudsvermoe L	Mass / Massa kg
			LPG / VPG		29 170	15 410
Tank Material / Tenkmateriaal	SPEC CME 9, SPES	SYM 6 SIM	PROPANE / PROPAAN		28 690	14 370
Tank Lining / Tenkvoering						
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor						
Originally designed for / Oorspronklik ontwerp vir	LPG / VPG					
Converted for / Omskep vir						
Revision / Hersiening						
Date / Datum						

XVJ-3

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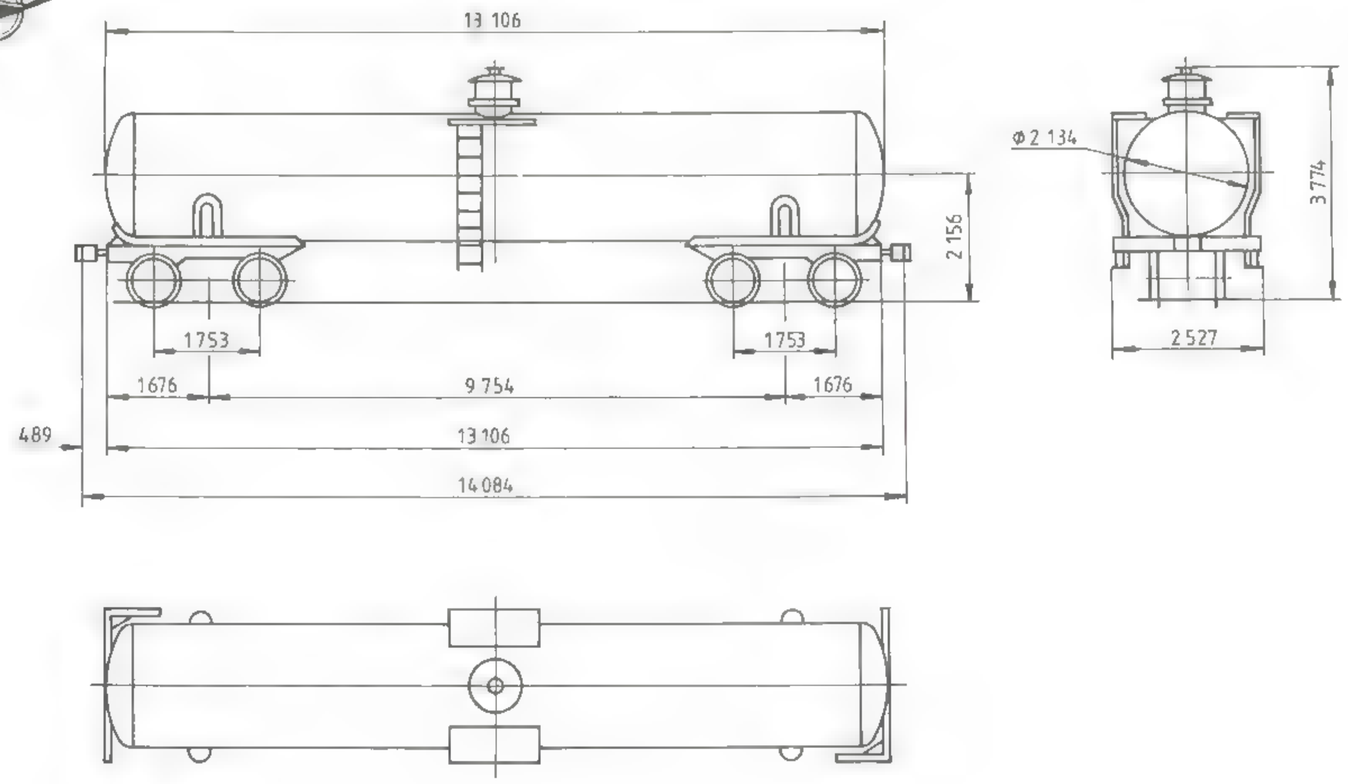
Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting



Remarks
Opmerkings

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
46-013 008 / 46-013 539	1967

Converted from / Omskep van	Date / Datum
XV-4	1987

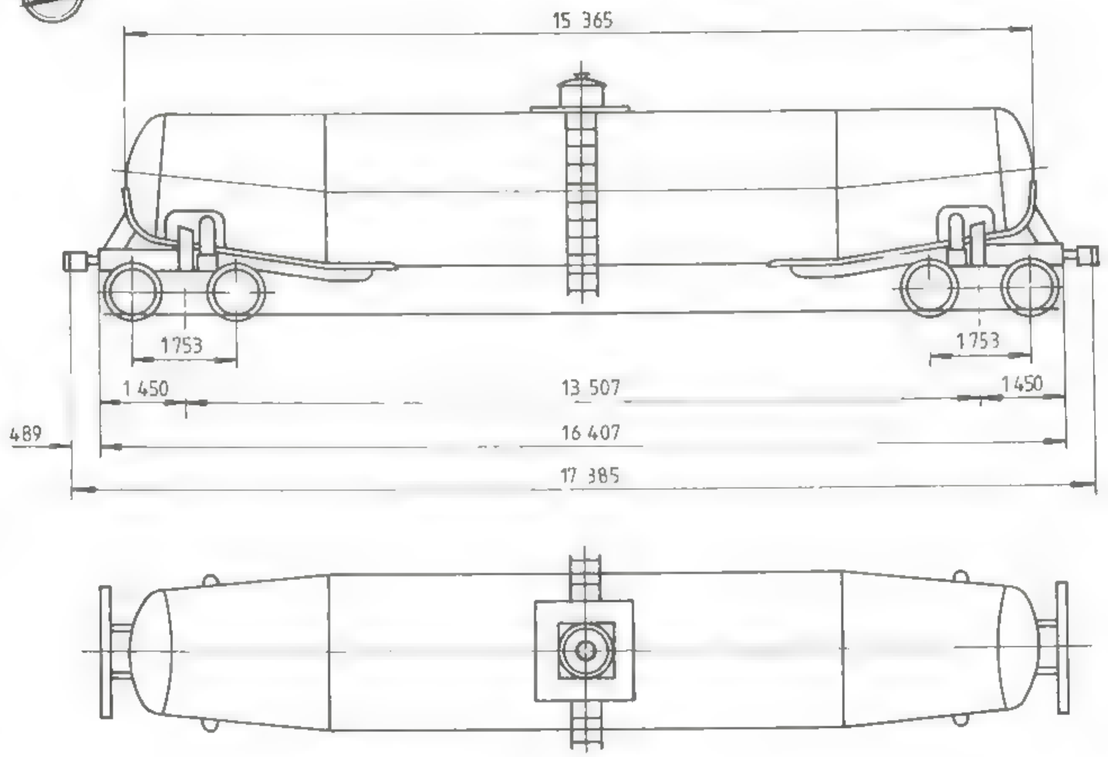
For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsituimtes kyk tekening nommer CME 240/12-A99

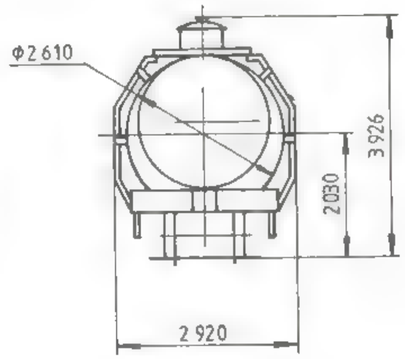
Drawing Number / Tekeningnommer	W 2 / 20036		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 465	Capacity (full) / Inhoudsvermoe(vol) l	45 420	Tare (Average) / Tarra(Gemiddeld) kg	27 530
Bogie Type / Draaisteltipe	SARCAST				Contents / Inhoud		Capacity / Inhoudsvermoe l	Mass / Massa kg
Bearing Size / Laergrootte	11 × 5 1/2				LPG / VPG		42 160	22 280
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	8 / 8		Tank Material / Tenkmateriaal	BS 1501-151 GR 28 A	PROPANE / PROPAAN		41 520	20 790
Brake System / Remstelsel	V/R		Tank Lining / Tenkvoering					
Brake Cylinders / Remsilinders	(V) 2/15	(L)	Design Limit-Mass on Rail kg / Ontwerplimiet-Massa op Spoor					
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	LPG / VPG				
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 43,6/24	(L)	Converted for / Omskep vir					
Drawgear Equipment / Trekwerkuitrusting	AAR M901 - E		Revision / Hersiening					
Coupler / Yoke / Koppelaar / Juk	SE / E		Date / Datum					

XVJ-4

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

145





	Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
*1	46-014 829 / 46-015 256	1983
	46-015 264 / 46-015 426	1986
*2	46-015 434 / 46-015 523	1985 - 86

Remarks / Opmerkings :-

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12-A99

Converted from / Omskep van	Date / Datum
*1 XVLJ-8	1986 87
*2 XMJ-9	1986

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

Drawing Number / Tekeningnommer		W001/D076	
Bogie Type / Draaisteltipe		H.S Mk. VII	
Bearing Size / Laergrootte		D	
Springs per Bogie / Vere per Draaistel	Outer / Inner / Buite / Binne	10/10	
Brake System / Remstelsel		V/R	
Brake Cylinders / Remsilinders		(V) 2/18	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp		(V) 65	(L)
Brake Percentage / Rempersentasie	Empty / Loaded / Leeg / Met Vrag	(V) 46,69/22,03	(L)
Drawgear Equipment / Trekwerkuitrusting		AAR M901 E	
Coupler / Yoke / Koppelaar / Juk		SE/E	

Centre of Gravity (Empty) / Swaartepunt (Leeg)		1505			
Tank Material / Tenkmateriaal		ASTM A516 GR 70			
Tank Lining / Tenkvoering					
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor		74 000			
Originally designed for / Oorspronklik ontwerp vir		LPG VPG			
Converted for / Omskep vir					
Revision / Hersiening					
Date / Datum					

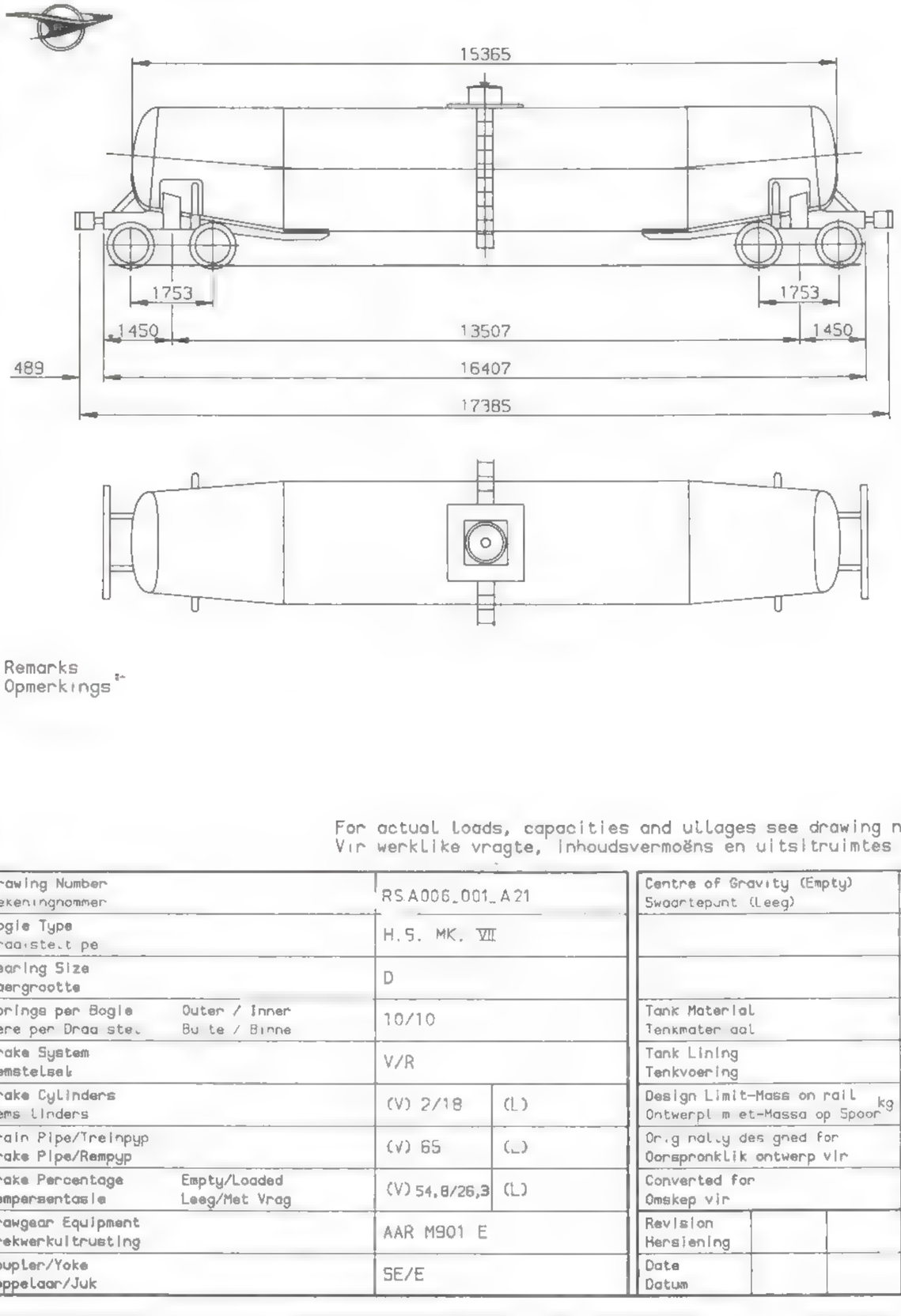
Capacity (full) / Inhoudsvermoe (vol) L	73 440	Tare (Average) kg / Tarra (Gemiddeld)	32 200
Contents / Inhoud		Capacity / Inhoudsvermoe L	Mass / Massa kg
LPG VPG		68 170	36 020
PROPANE PROPAAN		67 050	33 580
PROPYLENE PROPILEEN		67 640	34 670

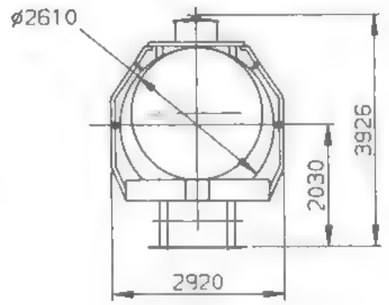
XVJ-8

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device .
Koppelaar hidroulliese kussingInrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidroulliese kussingInrigting





Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
46-016 007 / 46 016 430	1983

Remarks
Opmerkings

Converted from Omskep van	Date Datum
XNJ-7	1988-1989

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12-A99

Brake System - Remstelsel

A Dual Power - Automatic
Tweekrag - Outomaties
R Slack Adjuster
Remversteller

V Vacuum
Vakuum
L Air
Lug
D Dual Power - Manually operated
Tweekrag - Handbediening

Drawing Number Tekeningnommer		RSA006_001_A21	
Bogie Type Draagstelt pe		H.S. MK. VII	
Bearing Size Laergrootte		D	
Springs per Bogie Vere per Draa stel	Outer / Inner Buite / Binne	10/10	
Brake System Remstelsel		V/R	
Brake Cylinders Rems linders		(V) 2/18	(L)
Train Pipe/Treinpyp Brake Pipe/Rempyp		(V) 65	(L)
Brake Percentage Rempersentasie	Empty/Loaded Leeg/Met Vrag	(V) 54,8/26,3	(L)
Drawgear Equipment Trekwerkuitrusting		AAR M901 E	
Coupler/Yoke Koppelaar/Juk		SE/E	

Centre of Gravity (Empty) Swaartepunt (Leeg)			1505			
Tank Material Tenkmater aal			ASTM A516 GR70			
Tank Lining Tenkvoering						
Design Limit-Mass on rail kg Ontwerpl m et-Massa op Spoor			74 000			
Orig nally des gned for Oorspronklik ontwerp vir			ANHYDROUS AMMONIA WATERVRY AMMONIAK			
Converted for Omskep vir						
Revision Hersiening						
Date Datum						

Capacity (full) l Inhoudsvermoë (vol)	73 420	Tare (Average) kg Tarra (Gemiddeld)	32 170
Contents Inhoud		Capacity Inhoudsvermoë	Mass kg Massa
PROPYLENE PROPILEEN		67 390	34 680

XVJ-9

CAD.No. A8/0002

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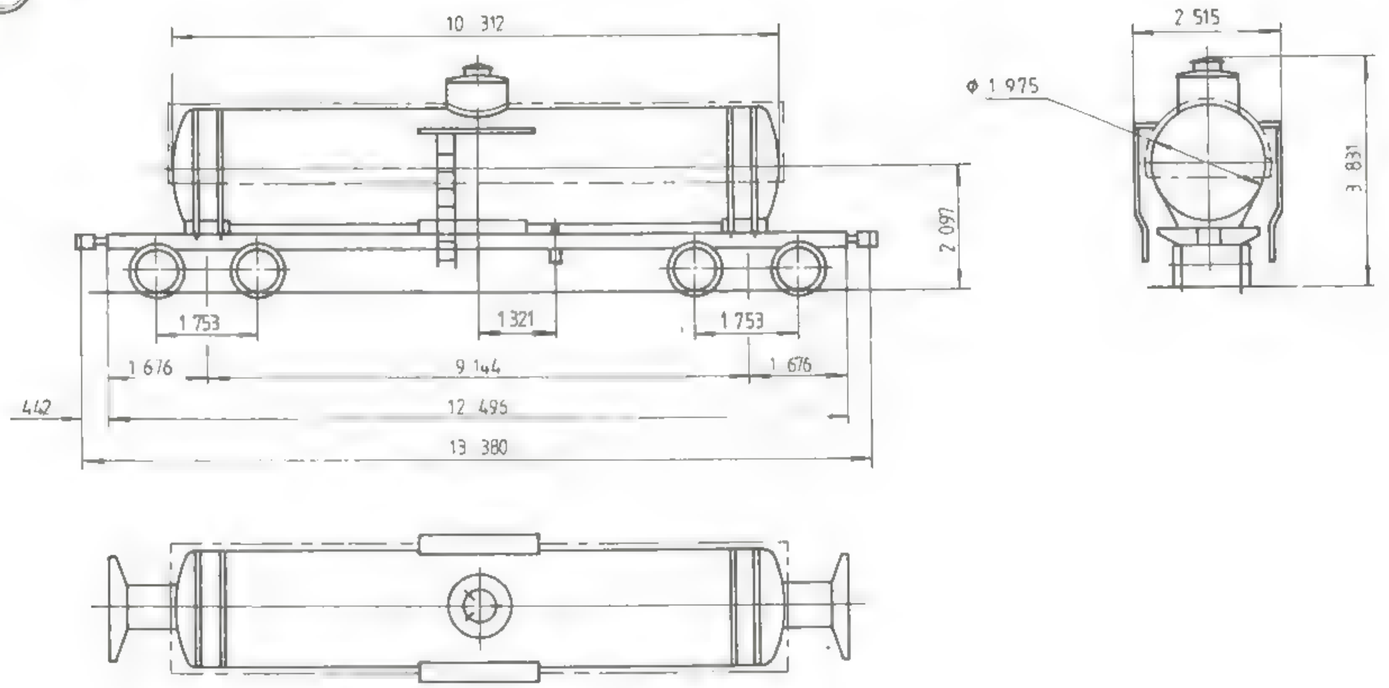


Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Automatic / Tweekrag - Outomaties
A Slack Adjuster / Remversteller
R
Dual Power - Manually operated / Tweekrag - Handbediening

XD - 1

Remarks / Opmerkings :-

For actual loads, capacities and ullages see drawing number / Vir werklike vragte inhoudsvermoens en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W 1 / 10 982
Bogie Type / Draaistelltipe	SARCAST
Bearing Size / Laergrootte	11 × 5 1/2
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6 / 6
Brake System / Remstelsel	V
Brake Cylinders / Remsilinders	(V) 2 / 18 (L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50) (L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 83,6 / 31,5 (L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS

Centre of Gravity (Empty) / Swaartepunt (Leeg)						
Tank Material / Tenkmateriaal	SPEC / SPES CME 9	SYM / SIM 8				
Tank Lining / Tenkvoering	EMAIL T					
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor						
Originally designed for / Oorspronklik ontwerp vir	WATER	TREACLE / STROOP	OIL / OLIE			
Converted for / Omskep vir	LIQUOR / DRANK					
Revision / Hersiening						
Date / Datum						

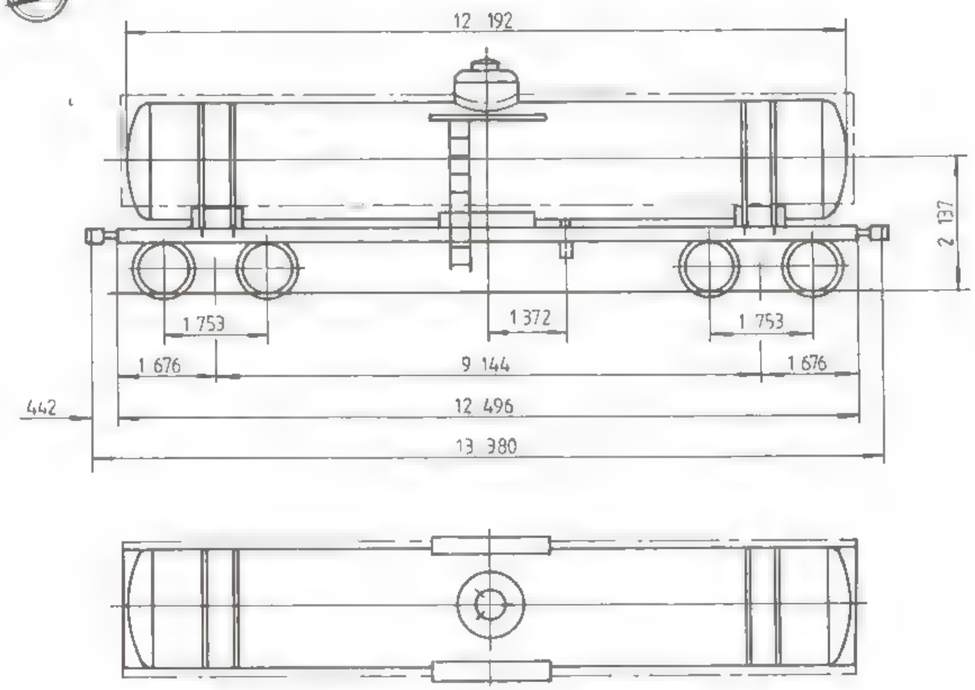
Capacity (full) / Inhoudsvermoe (vol) L	30 960	Tare (Average) kg / Tarra (Gemiddeld)	20 120
Contents / Inhoud		Capacity / Inhoudsvermoe L	Mass / Massa kg
LIQUOR / DRANK		30 960	33 280

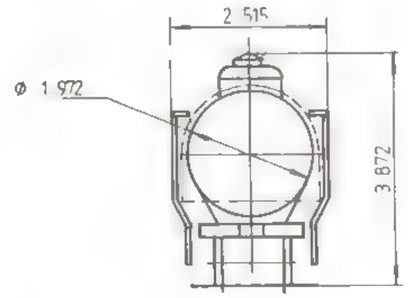
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
47 - 010 002	1955

Converted from / Omskep van	Date / Datum
X - 18	1965

XW - 1

148





Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
47 - 011 009 / 47 - 011 270 47 - 011 289 / 47 - 011 335	1966 1965 – 66

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingnigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingnigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power – Manually operated / Tweekrag – Handbediening

XD – 2

Remarks
Opmerkings :-

Converted from Omskep van	Date Datum
X - 24	1971

For actual loads, capacities and ullages see drawing number
Vir werklike vragte inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number Tekeningnommer	CME 149 / 12 - A21
Bogie Type Draaisteltipe	SARCAST
Bearing Size Laergrootte	11 × 5½
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	6 / 6
Brake System Remstelsel	V
Brake Cylinders Remsilinders	(V) 2/18 (L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 82 6 / 30 3 (L)
Drawgear Equipment Trekwerkuitrusting	AAR M901 E
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR - SAS

Centre of Gravity (Empty) Swaartepunt (Leeg)						
Tank Material Tenkmateriaal	SPEC CME 9, SYM B SPES SIM					
Tank Lining Tenkvoering	PRODORGLAS 'R' / EMAILLIT					
Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor						
Originally designed for Oorspronklik ontwerp vir	WATER OIL OLIE					
Converted for Omskep vir	LIQUOR DRANK					
Revision Hersiening						
Date Datum						

Capacity (full) l Inhoudsvermoe (vol) l	36 370	Tare (Average) kg Tarra (Gemiddeld)	22 470
Contents Inhoud		Capacity l Inhoudsvermoe	Mass kg Massa
LIQUOR DRANK		36 120	38 830

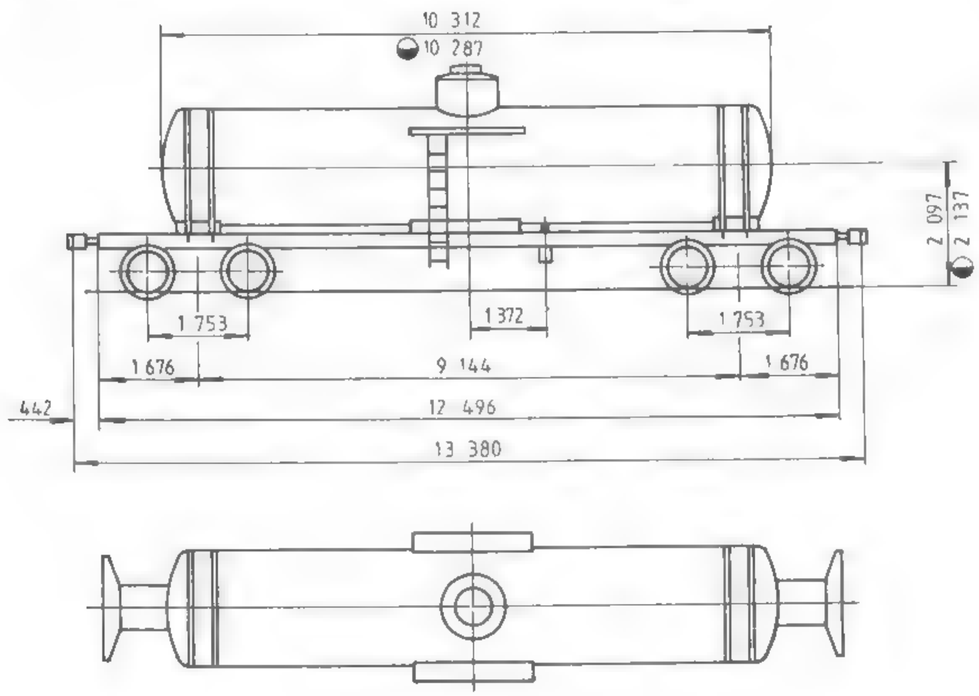
XW - 2

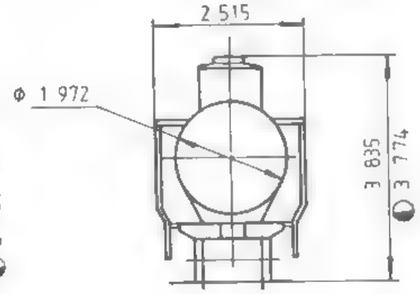
149

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power – Manually operated / Tweekrag – Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

XD — 4





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
47 - 013 001 / 47 - 013 060	1960 - 61
47 - 013 079 / 47 - 013 095	1954 - 55
47 - 013 117	1959
47 - 013 125 / 47 - 013 176	1954
47 - 013 184	1958
47 013 192 / 47 - 013 222	1964

Remarks / Opmerkings :- Wagons fitted with Sunshields :- Trokke met Sonskerms gepas :- No's 47 - 013 001, 47 - 013 028, 47 - 013 133, 47 - 013 168, 47 - 013 176, 47 - 013 184, 47 - 013 214, 47 - 013 222

Converted from / Omskep van	Date / Datum
X – 18 ; X – 21 ; X – 22	1962 – 64

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	CME 115/12 - A21 ; CME 136/12 A21 ; W1/10982		
Bogie Type / Draaisteltipe	SARCAST		
Bearing Size / Laergrootte	11 × 5 ½		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6/6		
Brake System / Remstelsel	V		
Brake Cylinders / Remsilinders	(V) 2/18	(L)	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (50)	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 82,5/31,4 ; 91,1/34,6	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP – S / SAR – SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)						Capacity (full) / Inhoudsvermoe (vol) l	30 890	Tare (Average) kg / Tarra (Gemiddeld)	20 370
						Contents / Inhoud		Capacity / Inhoudsvermoe l	Mass / Massa kg
						LIQUOR / DRANK		30 890	33 210
Tank Material / Tenkmateriaal	SPEC / SPES CME 9,		SYM / SIM 8						
Tank Lining / Tenkvoering	AMERCOTE / EMAILLIT / PRODORGLAS 'R'								
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor									
Originally designed for / Oorspronklik ontwerp vir	WATER	TREACLE / STROOP	OIL / OLIE						
Converted for / Omskep vir	LIQUOR / DRANK								
Revision / Hersiening									
Date / Datum									

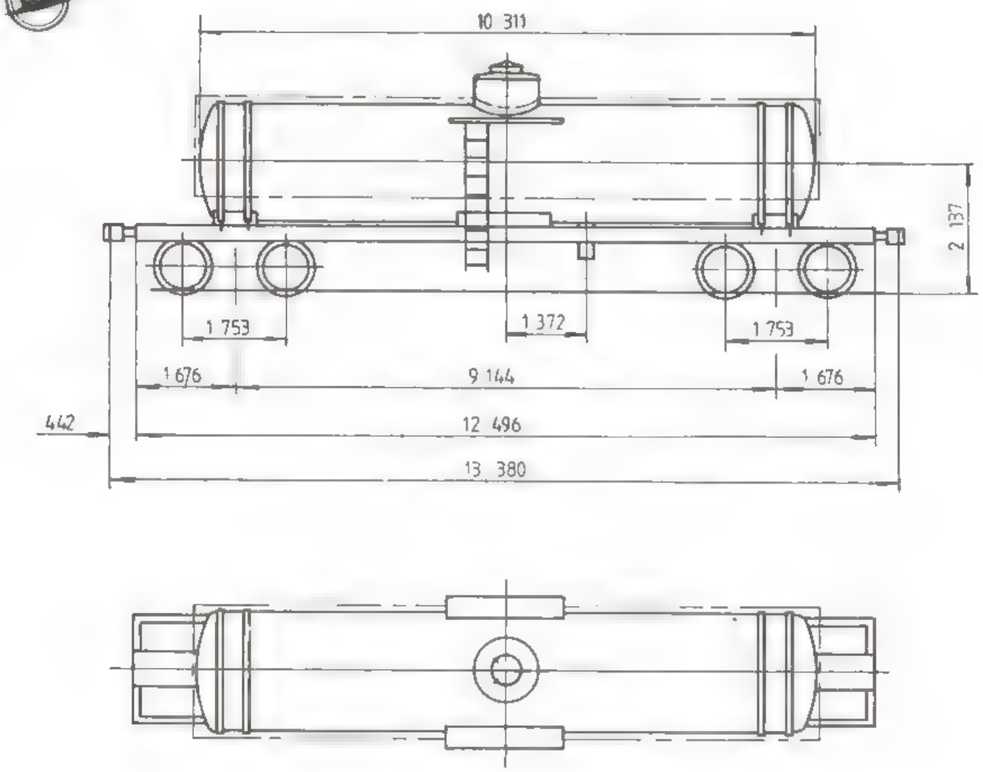
XW - 4

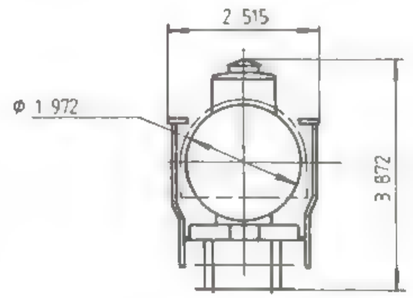
150

Drawgear Equipment - Trekwerkuitrusting
KK Coupler Hydraulic cushioning device / Koppelaar hidrouliese kussingingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

XD-5





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
47 - 014 008 / 47 - 014 156	1967 - 68
47 - 014 164 / 47 - 014 202	1967

Remarks / Opmerkings :-

Converted from / Omskep van	Date / Datum
X -25	1968

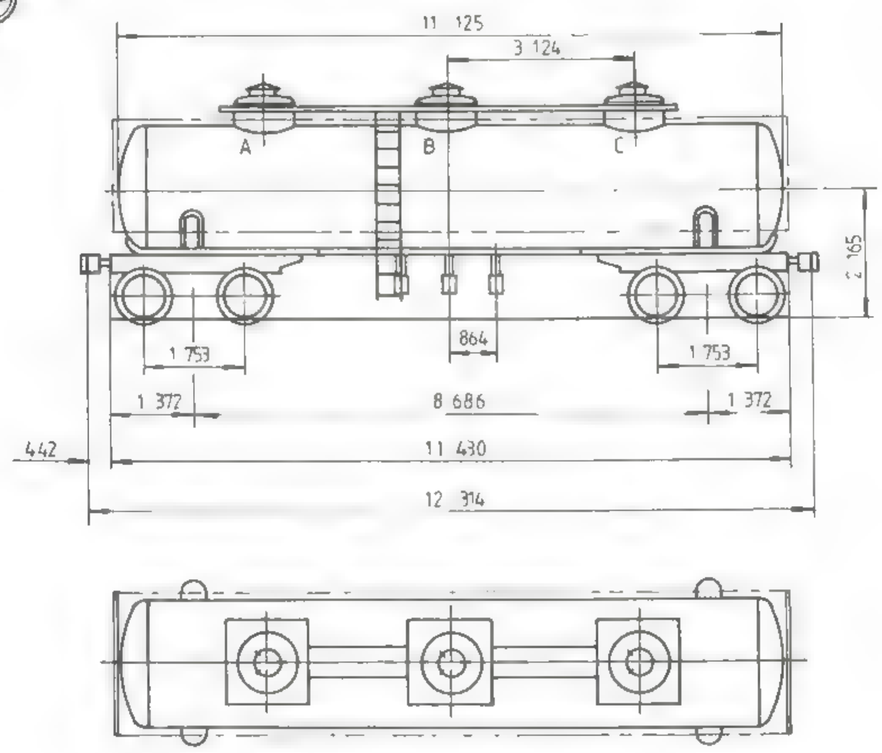
For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsituimtes kyk tekening nommer CME 240/12 - A99

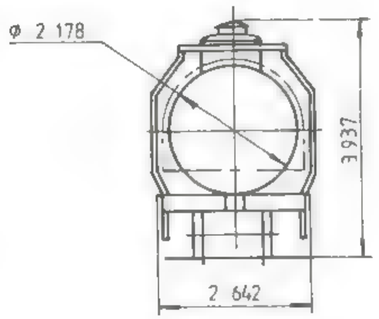
Drawing Number / Tekeningnommer	W 1 / 20099		Centre of Gravity (Empty) / Swaartepunt (Leeg)			Capacity (full) / Inhoudsvermoe (vol) L	30900	Tare (Average) kg / Tarra (Gemiddeld)	21 730
Bogie Type / Draaisteltipe	SARCAST					Contents / Inhoud		Capacity / Inhoudsvermoe L	Mass / Massa kg
Bearing Size / Laergrootte	11 × 5 1/2					LIQUOR / DRANK		30 900	33 220
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	8 / 0		Tank Material / Tenkmateriaal	SPEC / SPES CME 9,	SYM / SIM 8				
Brake System / Remstelsel	V		Tank Lining / Tenkvoering	PRODORGLAS 'R' / EMAILLIT					
Brake Cylinders / Remsilinders	(V) 2/18	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor						
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	WATER	TREACLE / STROOP	OIL / OLIE			
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 85,4 / 33,8	(L)	Converted for / Omskep vir	LIQUOR / DRANK					
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		Revision / Hersiening						
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		Date / Datum						

XW - 5

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
47 - 015 004 / 47 - 015 101	1971

Converted from / Omskep van	Date / Datum

Remarks / Opmerkings :

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W 001 / D 004
Bogie Type / Draaisteltipe	SPOORBARBER
Bearing Size / Laergrootte	C
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 4
Brake System / Remstelsel	V
Brake Cylinders / Remsilinders	(V) 2 / 18 (L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 85,92 / 32 7 (L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1518			Capacity (full) / Inhoudsvermoe (vol)	39 900	Tare (Average) / Tarra (Gemiddeld) kg 22 660
				Contents / Inhoud		Capacity / Inhoudsvermoe	Mass / Massa kg
				LIQUOR / DRANK		A 11 400	A 12 260
Tank Material / Tenkmateriaal	SPEC / SPES CME 9,	SYM / SIM 8				B 11 490	B 12 350
Tank Lining / Tenkvoering	PRODORGLAS R / EMAILLIT					C 11 380	C 12 230
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000			TOTAL		34 270	36 840
Originally designed for / Oorspronklik ontwerp vir	LIQUOR / DRANK						
Converted for / Omskep vir							
Revision / Hersiening							
Date / Datum							

XW-6

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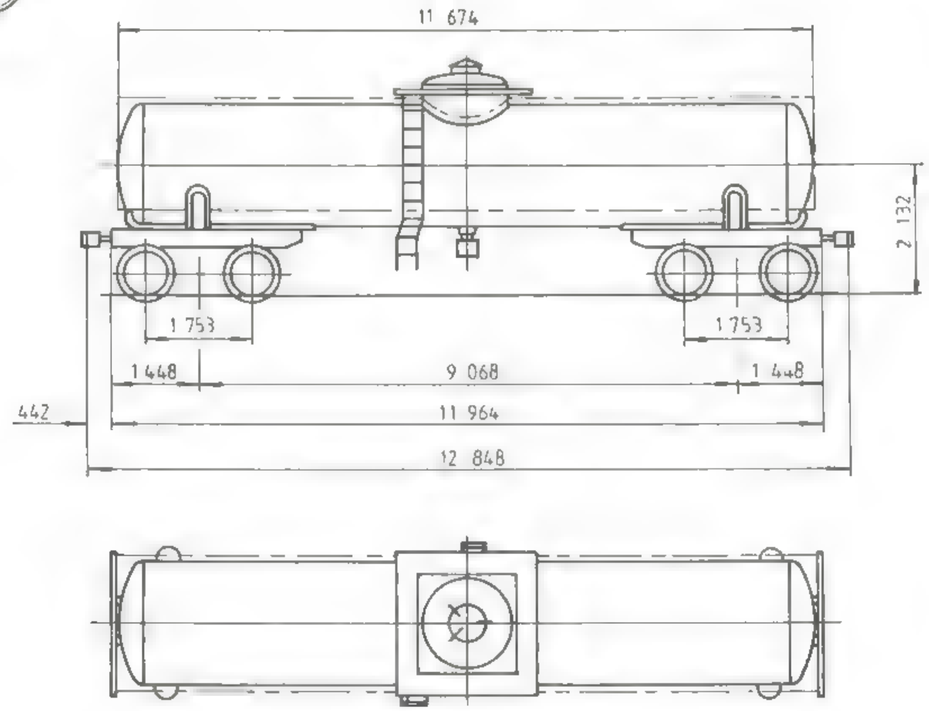
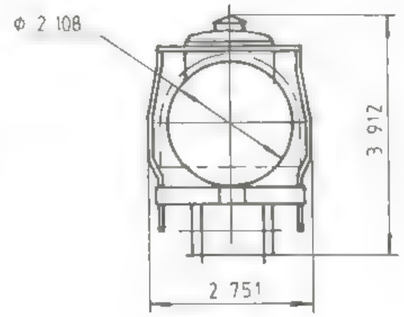




Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
47 - 011 343 / 47 - 011 386	1971

Remarks
Opmerkings :-

Converted from Omskep van	Date Datum
X - 3	1972

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12 - A99

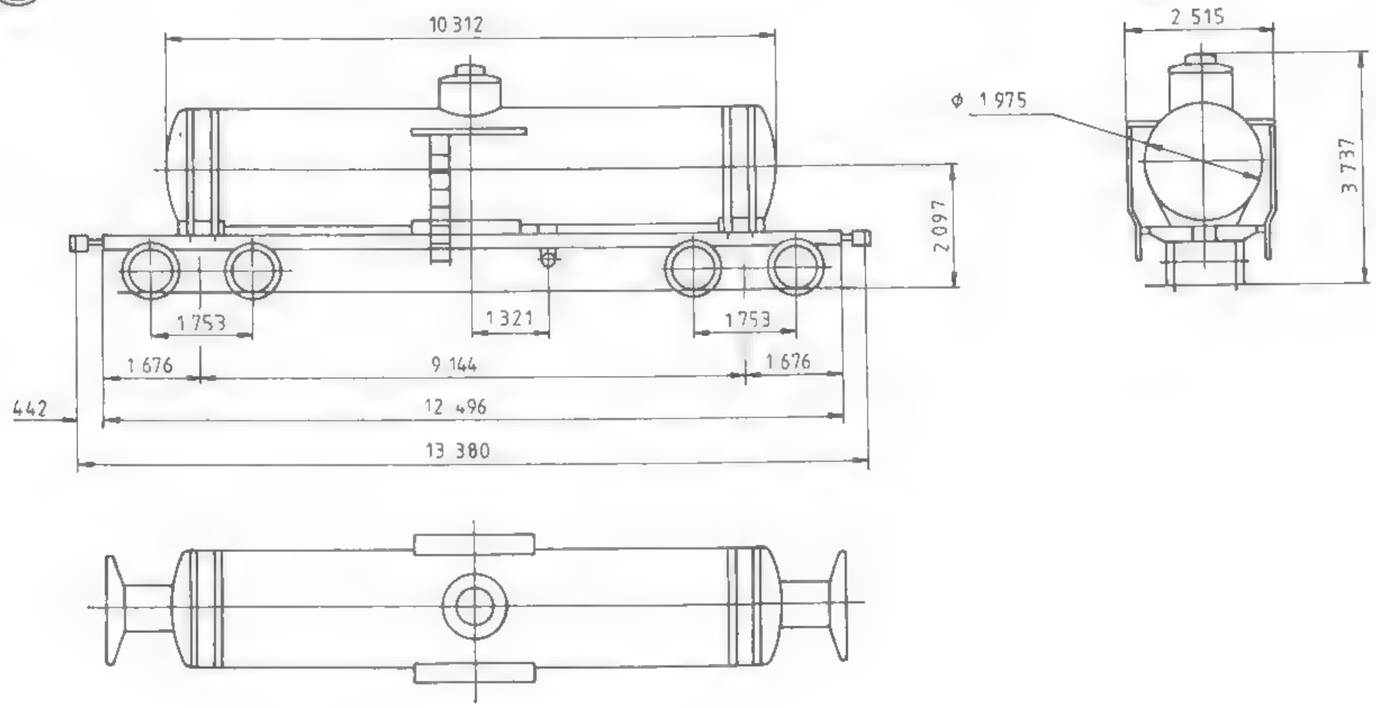
Drawing Number Tekeningnommer	W 001 / V 001		Centre of Gravity (Empty) Swaartepunt (Leeg)	1 769	Capacity (full) L Inhoudsvermoe(vol) L	40 050	Tare (Average) kg Tarra(Gemiddeld) kg	22 080
Bogie Type Draaisteltipe	SPOORBARBER				Contents Inhoud		Capacity Inhoudsvermoe L	Mass kg Massa kg
Bearing Size Laergrootte	C				LIQUOR DRANK		35 200	37 840
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	10 / 4		Tank Material Tenkmateriaal	ASTM 515 GR 65				
Brake System Remstelsel	V R		Tank Lining Tenkvoering	PROCOR GLASS R'				
Brake Cylinders Remsilinders	(V) 2 / 18	(L)	Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor	60 000				
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for Oorspronklik ontwerp vir	WATER, OIL OLIE				
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 79 5 / 29,3	(L)	Converted for Omskep vir	LIQUOR DRANK				
Drawgear Equipment Trekwerkuitrusting	AAR M 901 E		Revision Hersiening					
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR - SAS		Date Datum					

XW - 8

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbedening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remverstelier

IS 3



Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
47 - 010 010 / 47 - 010 088	1954 - 55

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Remarks / Opmerkings : WAGONS FITTED WITH SUNSHIELDS. / TROKKE MET SONSKERMS GEPAS.

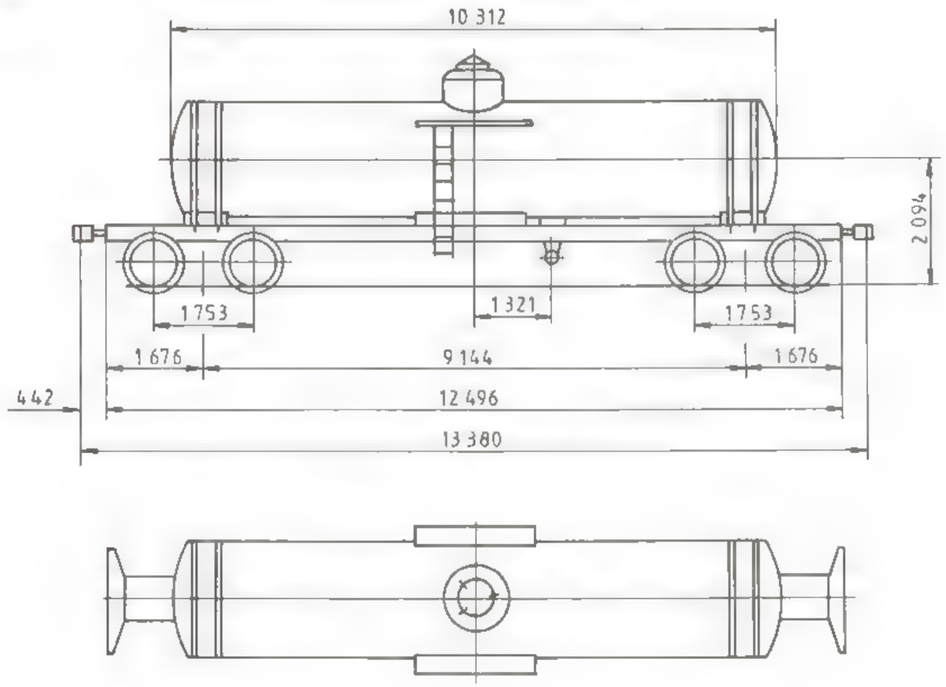
Converted from Omskep van	Date Datum
XW-4 (EX. X-18)	1989

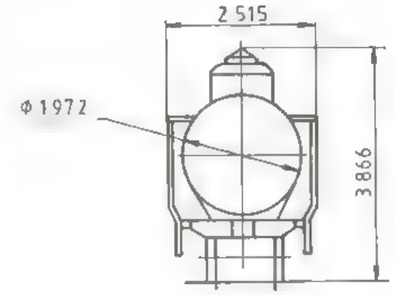
For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W. 1/10982
Bogie Type / Draaisteltipe	SARCAST
Bearing Size / Laergrootte	11 × 5 1/2
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6 / 6
Brake System / Remstelsel	V / R
Brake Cylinders / Remsilinders	(V) 2 / 18 (L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65(50) (L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 59,7 / 22,5 (L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR - SAS

Centre of Gravity (Empty) Swaartepunt (Leeg)						Capacity (full) l Inhoudsvermoë (vol) l	30 960	Tare (Average) kg Tarra (Gemiddeld) kg	20 120
						Contents Inhoud		Capacity l Inhoudsvermoë l	Mass kg Massa kg
						LIQUOR DRANK		30 960	33 280
Tank Material Tenkmateriaal	SPEC SPES CME 9 SYM SIM 8								
Tank Lining Tenkvoering	EMAILLIT / AMERCOTE PRODORGLAS "R"								
Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor									
Originally designed for Oorspronklik ontwerp vir	WATER TREACLE STROOP OIL OLIE								
Converted for Omskep vir	LIQUOR DRANK								
Revision Hersiening									
Date Datum									

XWJ-1





Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
47-012 048 / 47-012 129	1959-61

Converted from Omskep van	Date Datum
XW-4 (ex X-21)	1988 89

Remarks
Opmerkings :

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsruimtes kyk tekening nommer CME 240/12-A99

Drawing Number Tekeningnommer	CME 115 12 A21	
Bogie Type Draaisteltipe	SARCAST	
Bearing Size Laergrootte	11 x 5 1/2	
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	6 / 6	
Brake System Remstelsel	V/R	
Brake Cylinders Remsilinders	(V) 2 / 15	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50)	(L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 60,9 / 22,7	(L)
Drawgear Equipment Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke Koppelaar / Juk	SASKOP-S / SAR-SAS	

Centre of Gravity (Empty) Swaartepunt (Leeg)	1 051					
Tank Material Tenkmateriaal	SPEC SPES CME 9 SYM SIM 8					
Tank Lining Tenkvoering	AMERCOTE / EMAILLIT / PRODORGLAS "R"					
Design Limit-Mass on Rail kg Ontwerplimiet-Massa op Spoor						
Originally designed for Oorspronklik ontwerp vir	WATER TREACLE OIL STROOP OLIE					
Converted for Omskep vir						
Revision Hersiening						
Date Datum						

Capacity (full) l Inhoudsvermoe (vol) l		Tare (Average) kg Tarra (Gemiddeld) kg	19 730
Contents Inhoud	Capacity Inhoudsvermoe l	Mass Massa kg	
LIQUOR DRANK	30 870		33 190

XWJ-7

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussingnrigting
SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussingnrigting

Brake System - Remstelsel
A Dual Power-Automatic
Tweekrag-Outomaties
R Slack Adjuster
Remversteller
V Vacuum
Vakuum
L Air
Lug
D Dual Power-Manually operated
Tweekrag-Handbediening

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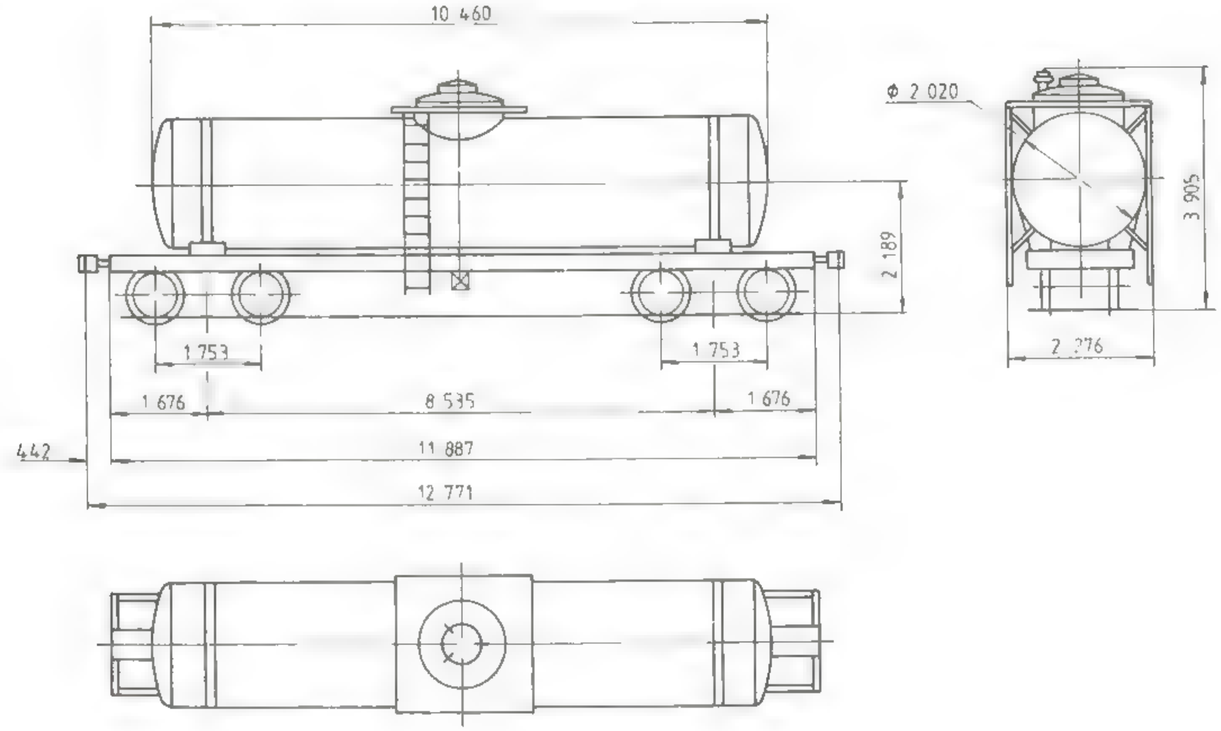

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
40 - 010 007 / 40 - 010 635	1976

Converted from Omskep van	Date Datum

Remarks
Opmerkings :-

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoens en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number Tekeningnommer	W 001 / F 019 W 001 / K 001
Bogie Type Draaisteltipe	SPOORBARBER
Bearing Size Laergrootte	C
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	10 / 4
Brake System Remstelsel	V R
Brake Cylinders Remsilinders	(V) 2 / 18 (L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 77,3 / 29,4 (L)
Drawgear Equipment Trekwerkuitrusting	AAR M 901 E
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR - SAS

Centre of Gravity (Empty) Swaartepunt (Leeg)	1 228				
Tank Material Tenkmateriaal	STAINLESS STEEL SPEC VLEKVRYSTAAL SPES	ASTM A 240 TYPE 316 L			
Tank Lining Tenkvoering					
Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor	60 000				
Originally designed for Oorspronklik ontwerp vir	GENERAL PURPOSE ALDOEL				
Converted for Omskep vir					
Revision Hersiening					
Date Datum					

Capacity (full) Inhoudsvermoe (vol) L	32 620	Tare (Average) kg Tarra (Gemiddeld)	22 840
Contents Inhoud		Capacity Inhoudsvermoe L	Mass Massa kg
WD 10		32 620	32 620
MAX LOAD MAKS VRAG			87 160

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Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

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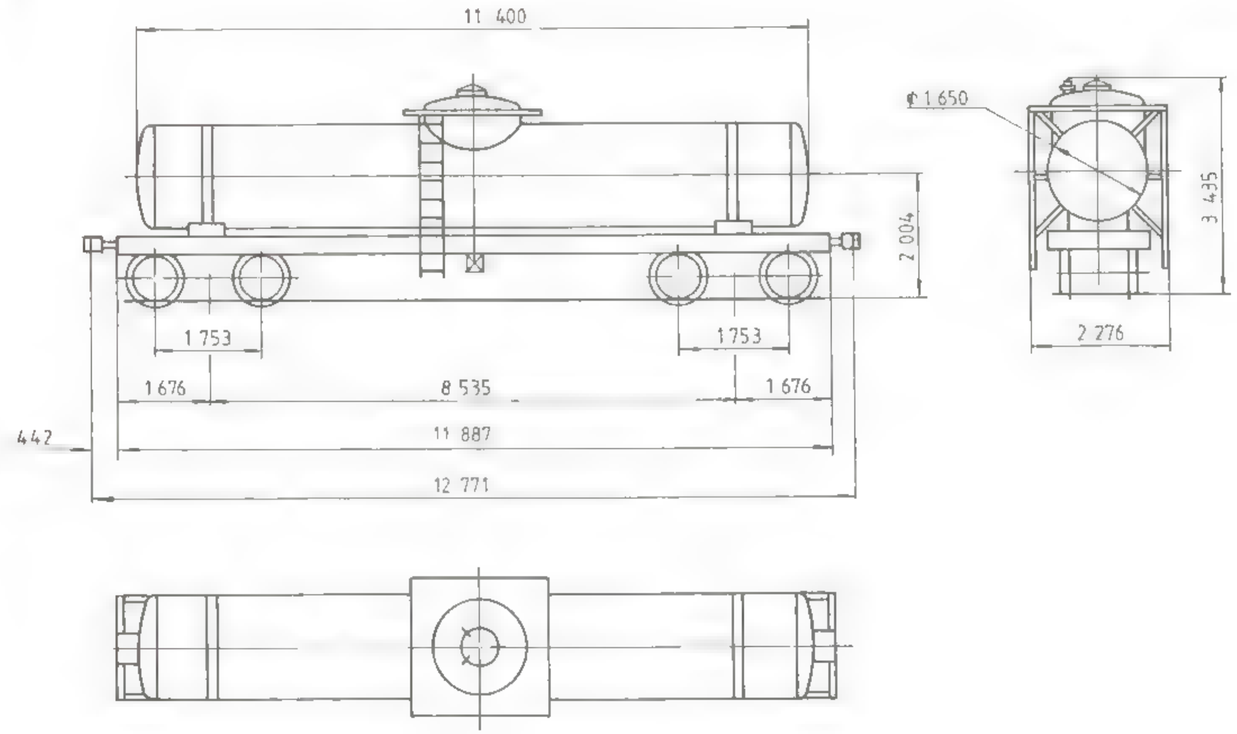
Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingmrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingmr gting



Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
40 - 010 643	1976

Remarks / Opmerkings :-

Converted from / Omskep van	Date / Datum

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsituimtes kyk tekening nommer CME 240/12 - A99

Brake System - Remstelsel

A Dual Power - Automatic / Tweekrag - Outomaties

R Slack Adjuster / Remversteller

D Dual Power - Manually operated / Tweekrag - Handbediening

V Vacuum / Vakuum

L Air / Lug

Drawing Number / Tekeningnommer	W 001 / F 019 W 002 / K 001		
Bogie Type / Draaisteltipe	SPOORBARBER		
Bearing Size / Laergrootte	C		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/4		
Brake System / Remstelsel	V R		
Brake Cylinders / Remsilinders	(V) 2,18	(L)	
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 79,7 / 29,4	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1143			Capacity (full) / Inhoudsvermoe (vol) L	24 000	Tare (Average) / Tarra (Gemiddeld) kg	22 150
				Contents / Inhoud		Capacity / Inhoudsvermoe L	Mass / Massa kg
				R D = 1,4		24 000	33 600
Tank Material / Tenkmateriaal	STAINLESS STEEL, SPEC SPES ASTM A240 TYPE TIPE 316 L / VLEKVRYSTAAL,			MAX LOAD / MAKS VRAG			37 850
Tank Lining / Tenkvoering							
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000						
Originally designed for / Oorspronklik ontwerp vir	GENERAL PURPOSE / ALDOEL						
Converted for / Omskep vir							
Revision / Hersiening							
Date / Datum							

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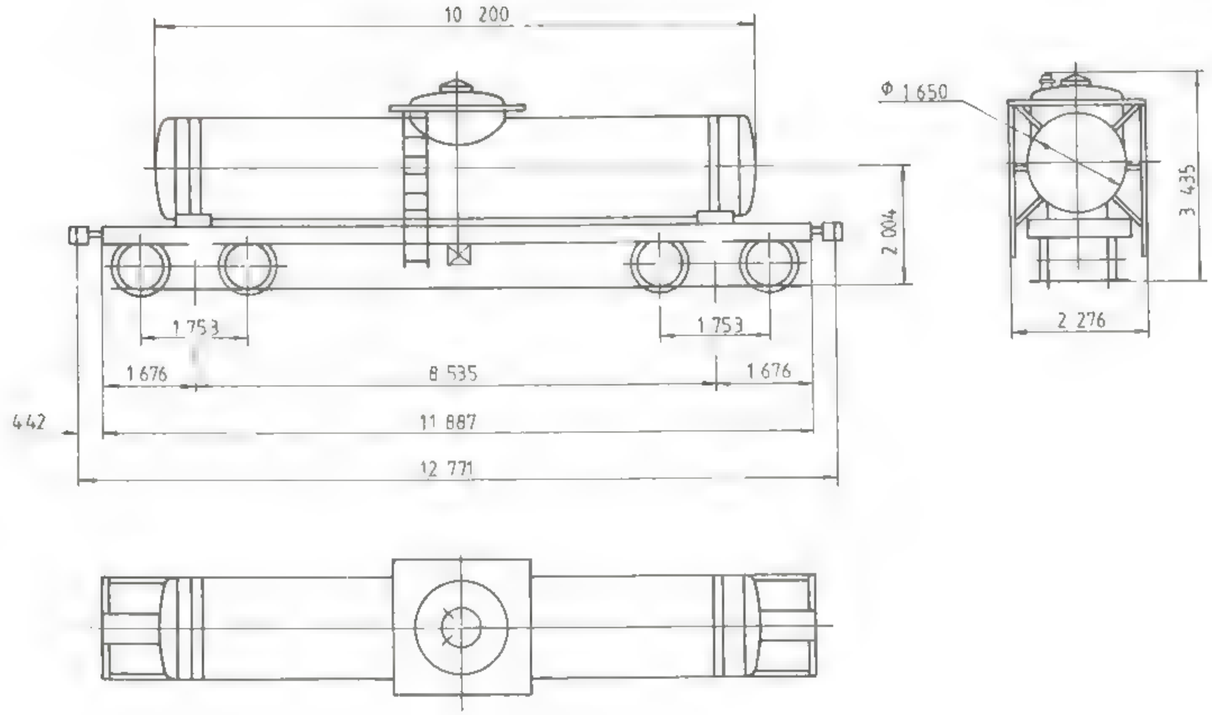

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
40 - 010 651	1976

Converted from / Omskep van	Date / Datum

Remarks / Opmerkings :-

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Drawing Number / Tekeningnommer	W 001 / F 019 W 003 / K 001		
Bogie Type / Draaisteltipe	SPOORBARBER		
Bearing Size / Laergrootte	C		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 4		
Brake System / Remstelsel	V/R		
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)	
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 82,8 / 29,4	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR - SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 110					
Tank Material / Tenkmateriaal	STAINLESS STEEL SPEC A STM A 240 TYPE 316 L VLEKVRYSTAAL SPES. TIPE					
Tank Lining / Tenkvoering						
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000					
Originally designed for / Oorspronklik ontwerp vir	GENERAL PURPOSE ALDOEL					
Converted for / Omskep vir						
Revision / Hersiening						
Date / Datum						

Capacity (full) / Inhoudsvermoe (vol) L	21 300	Tare (Average) kg / Tarra (Gemiddeld)	21 300
Contents / Inhoud		Capacity / Inhoudsvermoe L	Mass / Massa kg
R D = 1,6		21 300	34 080
MAX. LOAD / MAKS. VRAG			38 700

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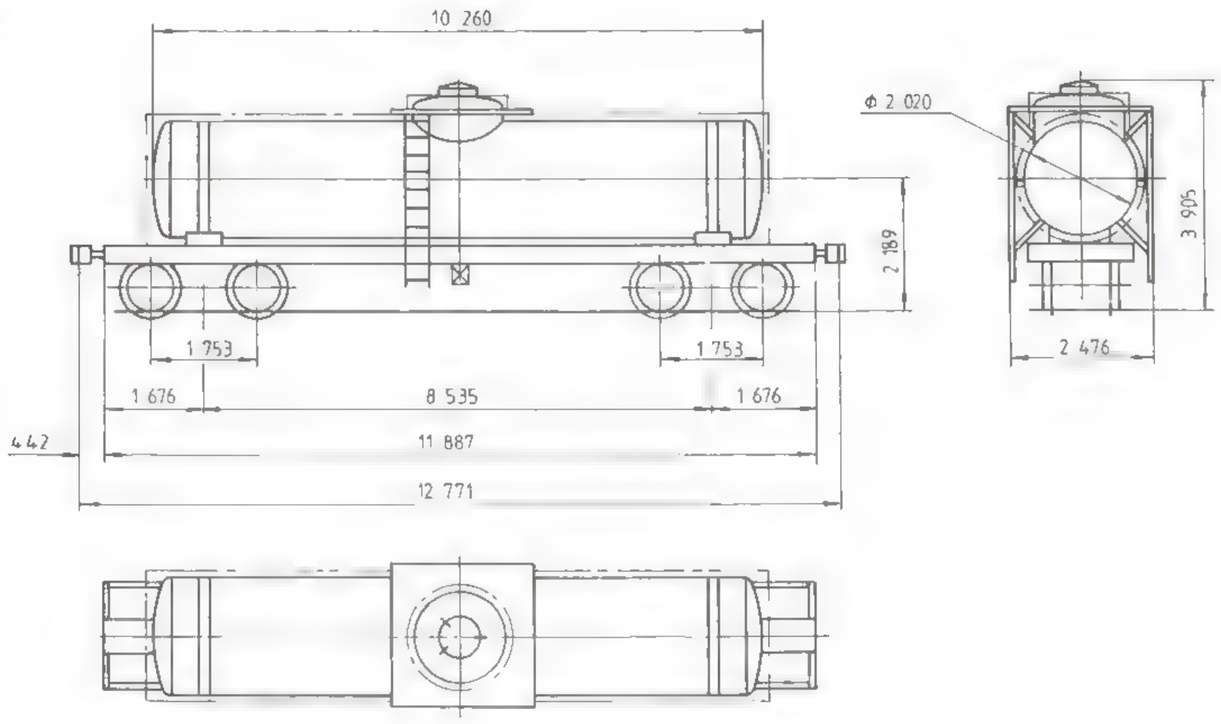

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Remarks / Opmerkings : INSULATED BARREL / GEISOLEERDE ROMP

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
40 - 010 678 / 40 - 010 988	1976

Converted from / Omskep van	Date / Datum

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W 001 , F 019 / W 004 K 001		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 260		Capacity (full) / Inhoudsvermoe(vol) L	32 010	Tare (Average) / Tarra(Gemiddeld) kg	23 520
Bogie Type / Draaisteltipe	SFOORBARBER					Contents / Inhoud		Capacity / Inhoudsvermoe L	Mass / Massa kg
Bearing Size / Laergrootte	C					R D. 1,0		32 010	32 010
Springs per Bogie / Vere per Draaistel — Outer / Buite — Inner / Binne	10 - 4		Tank Material / Tenkmateriaal	STAINLESS STEEL SPEC ASTM A 240 TYPE 316 L / VLEKVRYSTAAL SPES		MAX LOAD / MAKS VRAG			36 480
Brake System / Remstelsel	V/R		Tank Lining / Tenkvoering						
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)	Design Limit - Mass on Rail kg / Ontwerpimiet - Massa op Spoor	60 000					
Train Pipe / Treinpyp — Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	GENERAL PURPOSE / ALDOEL					
Brake Percentage — Empty / Loaded / Rempersentasie — Leeg / Met Vrag	(V) 75 / 29,4	(L)	Converted for / Omskep vir						
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		Revision / Hersiening						
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		Date / Datum						

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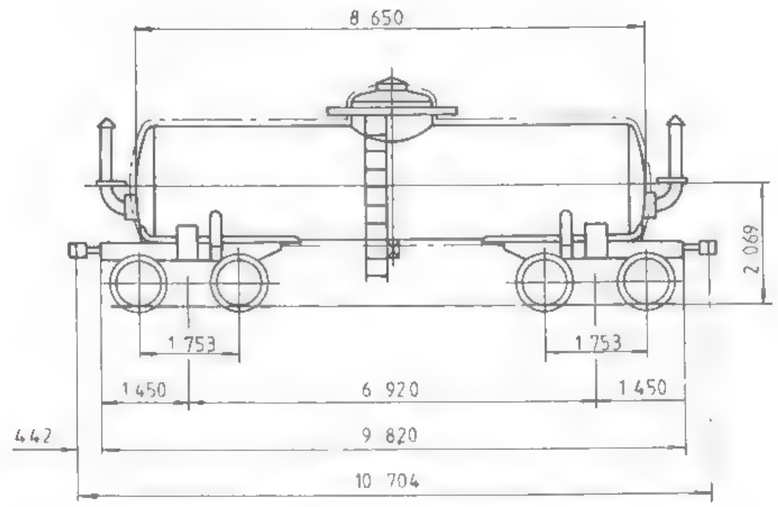

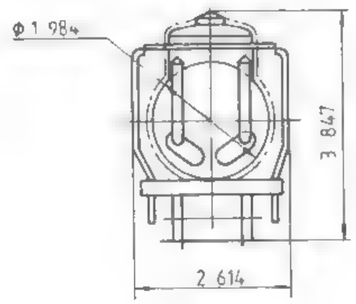

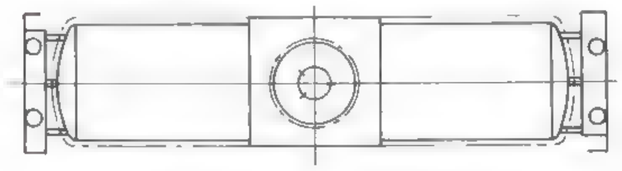

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

Remarks / Opmerkings: INSULATED BARREL. FITTED WITH STEAM / FLAME HEATING ELEMENTS
GEISOLEERDE ROMP TOEGERUS MET ELEMENTE VIR STOOM-/ VLAMVERWARMING

◓ STAINLESS STEEL SPEC ASTM A 240 TYPE 316 L
VLEKVRYSTAAL SPES TIPE

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
40 - 010 996 / 40 - 011 097	1976 - 77

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	W 001 / W 011		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 271		Capacity (full) / Inhoudsvermoe (vol) L	24 710	Tare (Average) / Tarra (Gemiddeld) kg	23 290
Bogie Type / Draaisteltipe	SPOORBARBER					Contents / Inhoud		Capacity / Inhoudsvermoe L	Mass / Massa kg
Bearing Size / Laergrootte	C							24 710	36 710 MAX / MAKS
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 4		Tank Material / Tenkmateriaal	ASTM A 285 GR C					
Brake System / Remstelsel	V / R		Tank Lining / Tenkvoering	◓					
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)	Design Limit - Mass on Rail kg / Ontwerpimiet - Massa op Spoor	60 000					
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	GENERAL PURPOSE / ALDOEL					
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 70, 6 / 27, 2	(L)	Converted for / Omskep vir						
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening						
Coupler / Yoke / Koppelaag / Juk	SASKOP - S / SAR - SAS		Date / Datum						

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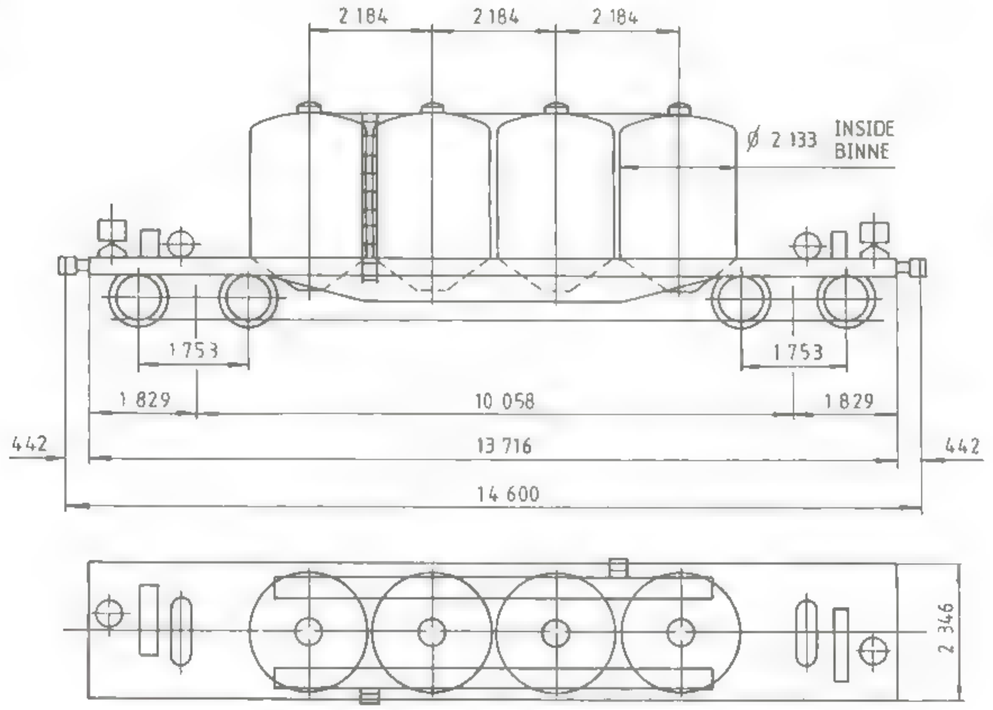

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
Slack Adjuster / Remversteller

Remarks / Opmerkings : FITTED WITH STAINLESS STEEL TANKS / MET VLEKVRYSTAALTENKE GEPAS

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
18-800 009, 18 800 017	1974
Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	W001/D017		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 075	Tare (Average) kg / Tarra (Gemiddeld) kg	22 250
Bogie Type / Draaisteltipe	SPOORBARBER				Load kg / Vrag kg	37 000
Bearing Size / Laergrootte	C				Load (Coal) kg / Vrag (Steenkool) kg	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/4				Floor Area m^2 / Vloeroppervlakte m^2	—
Brake System / Remstelsel	V/R				Capacity m^3 / Inhoudsvermoë m^3	8 / TANK TENK
Brake Cylinders / Remsilinders	(V) 2/18	(L) —	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor kg	60 000		
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) —	Originally designed for / Oorspronklik ontwerp vir	EDIBLE POWDER / EETBARE POEIER		
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 78,9/29 6	(L) —	Converted for / Omskep vir	—		
Drawgear Equipment / Trekwerkuitrusting	AAR M901E		Revision / Hersiening			
Coupler / Yoke / Koppelaar / Juk	SASKOP S / SAR SAS		Date / Datum			

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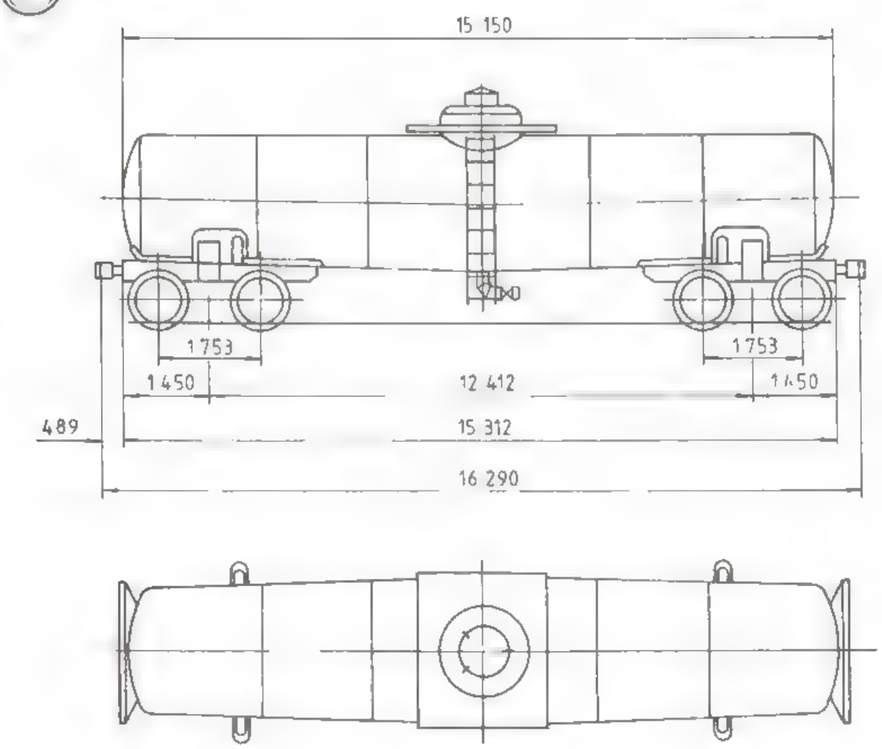
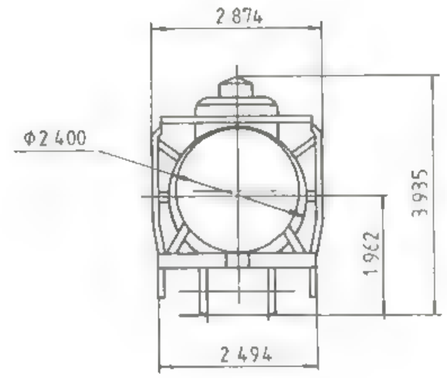
Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power – Manually operated / Tweekrag – Handbediening





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
47-500 018 / 47-500 662	1981-82

Remarks / Opmerkings :

Converted from / Omskep van	Date / Datum

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W 001 / D 065		
Bogie Type / Draaisteltipe	H S MK VII		
Bearing Size / Laergrootte	D		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 10		
Brake System / Remstelsel	V / R		
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 69,3 / 23,9	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	E/E		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 322					
Tank Material / Tenkmateriaal	SPEC / SPES. CME 9	SYM. / SIM. 8				
Tank Lining / Tenkvoering	EPOXY-RESIN PAINT / EPOKSIHARSVERF (CITAL 28 05)					
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	80 000					
Originally designed for / Oorspronklik ontwerp vir	EDIBLE OILS / EETBARE OLIES					
Converted for / Omskep vir						
Revision / Hersiening						
Date / Datum						

Capacity (full) / Inhoudsvermoe(vol) l	57 530	Tare (Average) / Tarra(Gemiddeld) kg	25 510
Contents / Inhoud		Capacity / Inhoudsvermoe l	Mass / Massa kg
EDIBLE OILS / EETBARE OLIES		52 100	48 490 MAX / MAKS

XYJ-1

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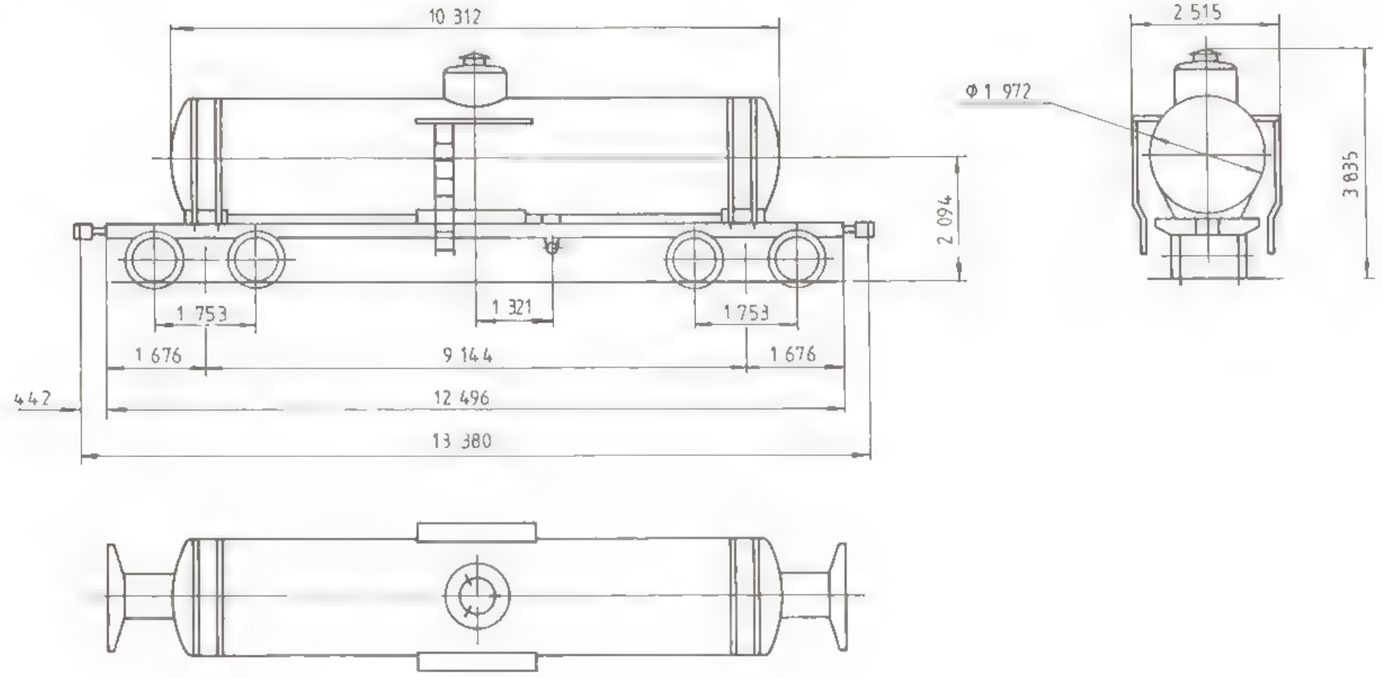
Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting

XCS — 2

Brake System - Remsteisel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller



Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
48 - 011 045	1958
48 - 011 088	1959
48 - 011 118	1959

Remarks / Opmerkings :-

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12-A99

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	CME 115/12-A21		Centre of Gravity (Empty) / Swaartepunt (Leeg)			Capacity (full) / Inhoudsvermoe (vol) L	30 930	Tare (Average) / Tarra (Gemiddeld) kg	19 500
Bogie Type / Draaisteltipe	SARCAST					Contents / Inhoud		Capacity / Inhoudsvermoe L	Mass / Massa kg
Bearing Size / Laergrootte	11 x 5½					CAUSTIC SODA / BYTSODA		29 730	47 570
Springs per Bogie / Vere per Draaistel — Outer / Buite — Inner / Binne	6/6		Tank Material / Tenkmateriaal	SPEC / SPES CME 9	SYM / SIM 8	CAUSTIC LYE / BYTLOOG		30 930	46 670
Brake System / Remsteisel	V		Tank Lining / Tenkvoering	EPOXY-RESIN / EPOKSIHARS (VEPOX CC 21)					
Brake Cylinders / Remsilinders	(V) 2/18	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor						
Train Pipe / Treinpyp — Brake Pipe / Rempyp	(V) 65 (50)	(L)	Originally designed for / Oorspronklik ontwerp vir	WATER / TREACLE / STROOP	OIL / OLIE				
Brake Percentage — Empty / Loaded — Rempersentasie — Leeg / Met Vrag	(V) 86,2 / 25,1	(L)	Converted for / Omskep vir	CAUSTIC SODA, BYTSODA;	CAUSTIC LYE / BYTLOOG				
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening						
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR-SAS		Date / Datum						

XZ-2

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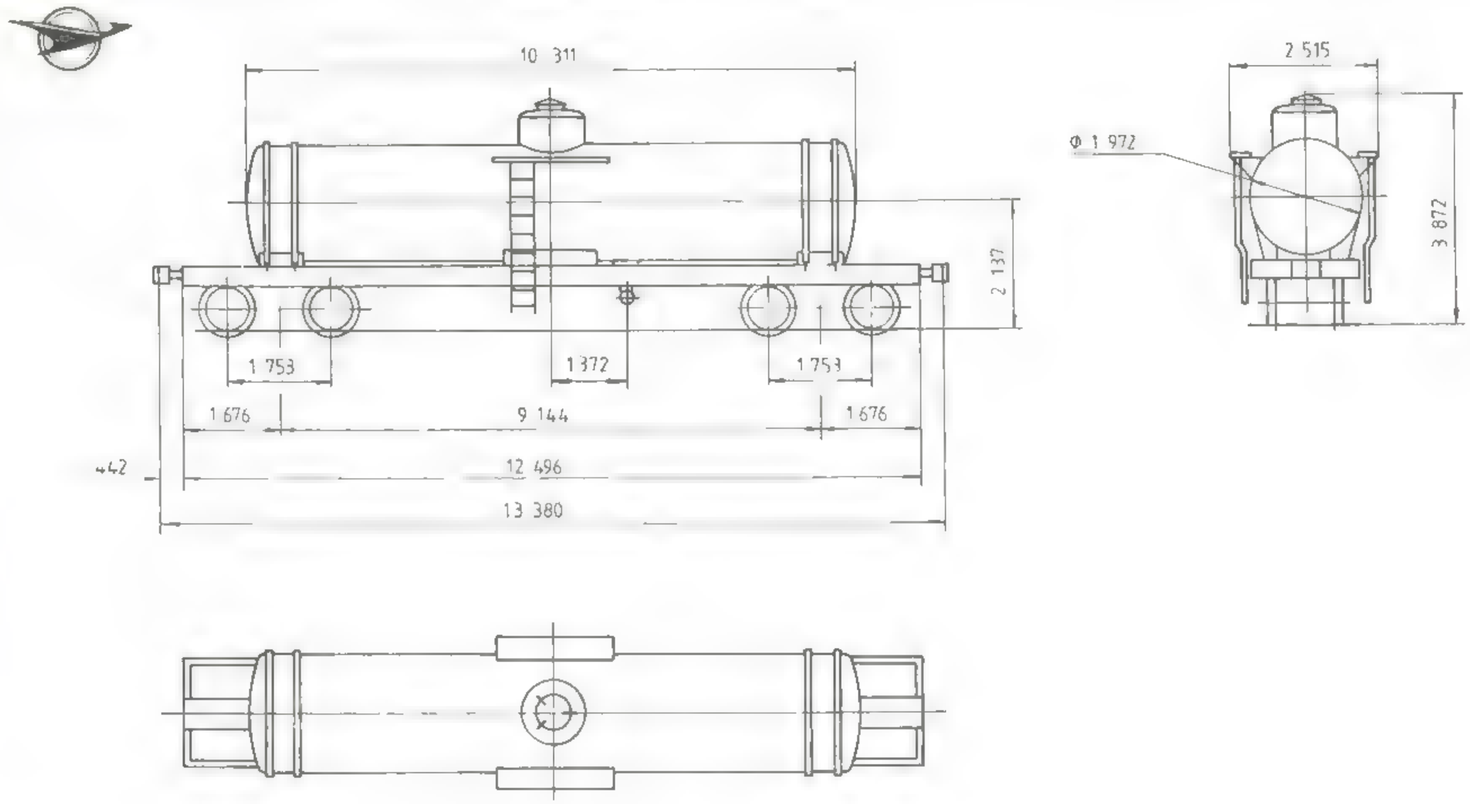

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
48 - 012 106	1967
48 - 012 122	1967
48 - 012 149	1967
48 - 012 157	1967
48 - 012 238	1967

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussinginrigting

XCS-3

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Remarks / Opmerkings :-

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	CME 152 / 12 - A 21		
Bogie Type / Draaisteltipe	SARCAST		
Bearing Size / Laergrootte	11 × 5 1/2		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	8 / 0		
Brake System / Remstelsel	V		
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)	
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 6½	(L)	
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 88,3 / 27,5	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR - SAS		

Centre of Gravity (Empty) Swaartepunt (Leeg)				Capacity (full) Inhoudsvermoe (vol)	30 940	Tare (Average) Tarra (Gemiddeld)	kg	21 010
				Contents Inhoud		Capacity Inhoudsvermoe		Mass Massa kg
				CAUSTIC SODA BYTSODA		29 110		46 580
Tank Material Tenkmateriaal	SPEC CME 9 SYM. B SPES. S.M.			CAUSTIC LYE BYTLOOG		30 76		48 [illegible]
Tank Lining Tenkvoering	EPOXY RESIN EPOKSIHARS							
Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor								
Originally designed for Oorspronklik ontwerp vir	WATER	TREACLE OIL STROOP OLIE						
Converted for Omskep vir	CAUSTIC SODA, CAUSTIC LYE BYTSODA, BYTLOOG							
Revision Hersiening								
Date Datum								

Converted from Omskep van	Date Datum
X - 25	1968

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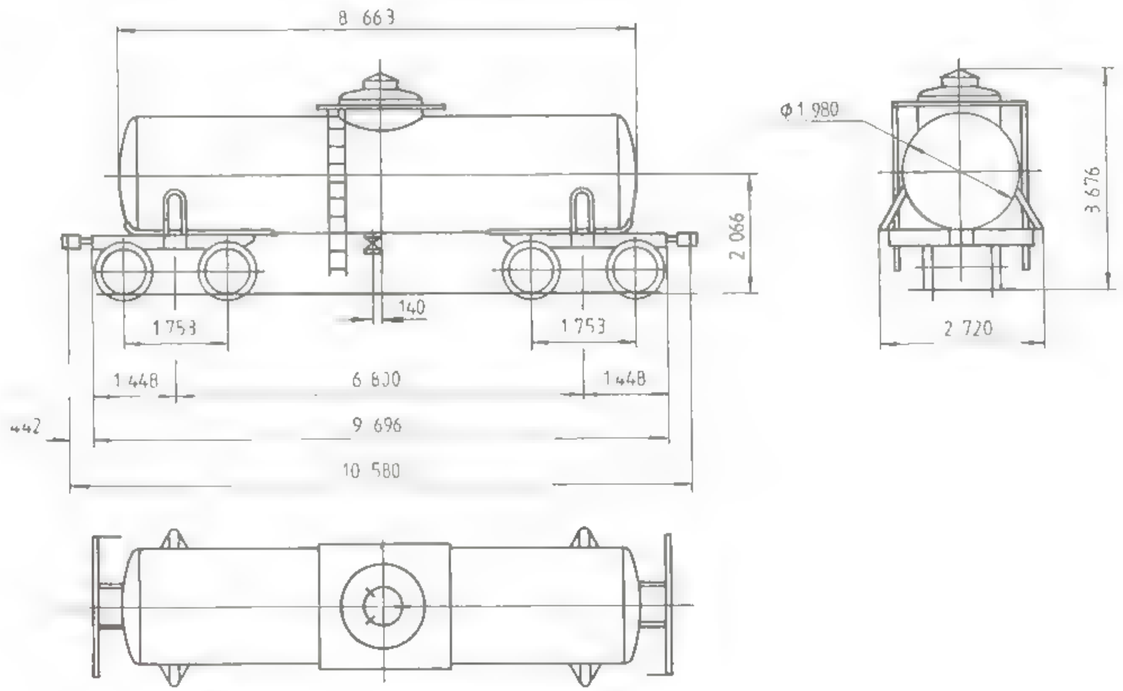
Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingin rigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingin rigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power – Manually operated / Tweekrag – Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller



Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
48 - 013 005 / 48 - 013 439	1971 / 72

Remarks / Opmerkings :-

Converted from / Omskep van	Date / Datum

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W 001 V 003	
Bogie Type / Draaisteltipe	SPOORBARBER	
Bearing Size / Laergrootte	C	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/4	
Brake System / Remstelsel	V / R	
Brake Cylinders / Remsilinders	(V) 2/18	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 87,9/27	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR-SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1118					
Tank Material / Tenkmateriaal	BS 1501-151 Gr 28A					
Tank Lining / Tenkvoering	EPOXY RESIN EPOKSIHARS VEPOX C. 21.					
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 0[illegible]					
Originally designed for / Oorspronklik ontwerp vir	CAUSTIC SODA BYTSODA					
Converted for / Omskep vir						
Revision / Hersiening						
Date / Datum						

Capacity (full) / Inhoudsvermoe (vol)	l	26 100	Tare (Average) / Tarra (Gemiddeld)	kg	18 430
Contents / Inhoud			Capacity / Inhoudsvermoe	l	Mass / Massa kg
CAUSTIC SODA BYTSODA			[illegible]		41 57[illegible] MAX / MAKS

XZ - 4

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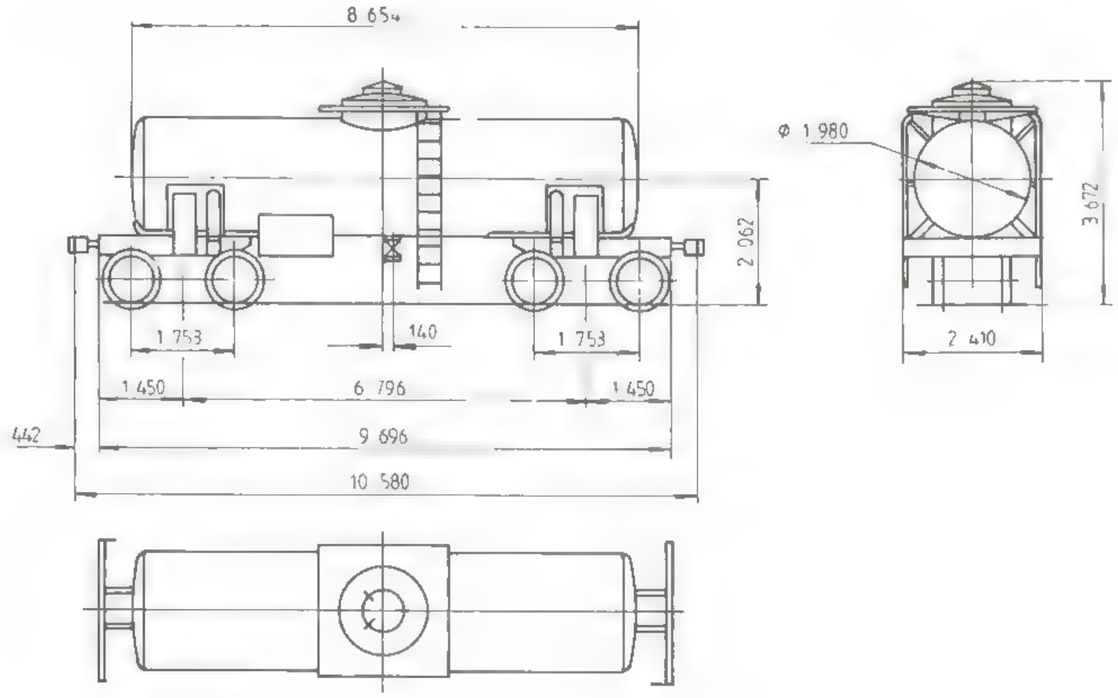

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
48 - 013 447 / 48 - 013 714	1975 - 76
48 - 013 722 / 48 - 014 265	1976

Remarks
Opmerkings :-

Converted from / Omskep van	Date / Datum

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W 001 / V010 W 001 / F020		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 110	Capacity (full) / Inhoudsvermoe (vol) l	26 010	Tare (Average) / Tarra (Gemiddeld) kg	19 330
Bogie Type / Draaisteltipe	SPOORBARBER				Contents / Inhoud		Capacity / Inhoudsvermoe l	Mass / Massa kg
Bearing Size / Laergrootte	C				CAUSTIC SODA BYTSODA		26 010	46 670 MAX MAKS
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	10 / 4		Tank Material / Tenkmateriaal	SPEC CME 9, SYM 8 SPES SIM				
Brake System / Remstelsel	V / R		Tank Lining / Tenkvoering	EPOXY RESIN (VEPOX CC21) EPOKSIHARS				
Brake Cylinders / Remsilinders	(V) 2/18	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000				
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	CAUSTIC SODA BYTSODA				
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 79 / 25,5	(L)	Converted for / Omskep vir					
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		Revision / Hersiening					
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		Date / Datum					

XZ - 5

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remverstelier

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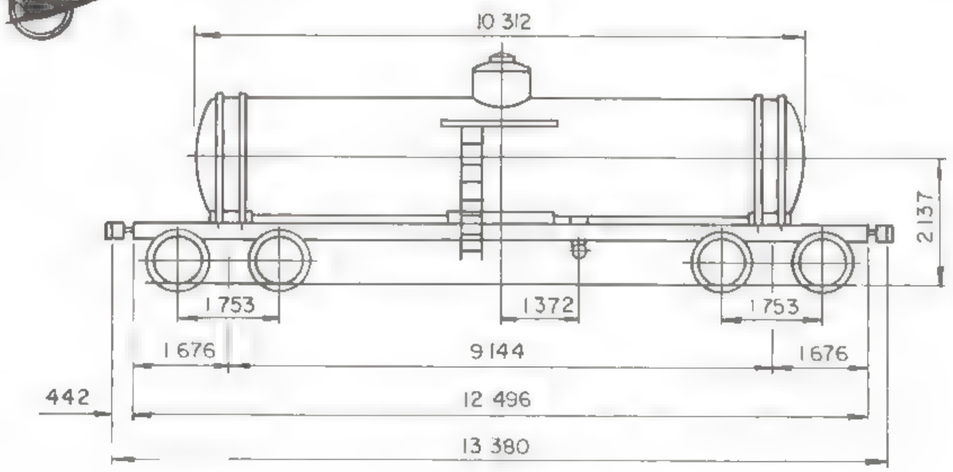

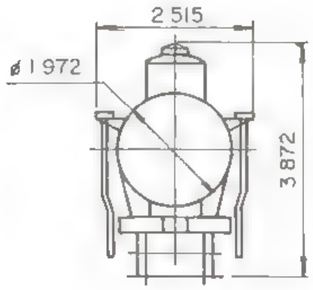

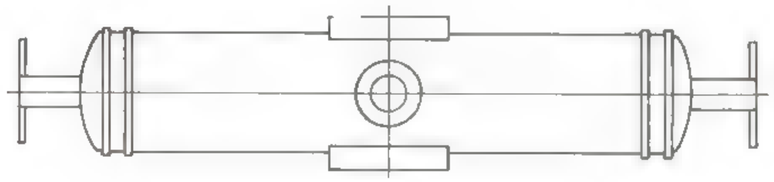

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Remarks / Opmerkings :-

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoens en uitsitruimtes kyk tekening nommer CME 240/12-A99

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
48-320 005/48-320 102	1958-67

Converted from / Omskep van	Date / Datum
XM-6 (ex XZ-3) orig X-25	1990

Drawing Number / Tekeningnommer	CME 152/12-A21		Centre of Gravity (Empty) / Swaartepunt (Leeg)			Capacity (full) / Inhoudsvermoe (vol)	30 910 L	Tare (Average) / Tarra (Gemiddeld) kg	2 010
Bogie Type / Draaisteltipe	SARCAST					Contents / Inhoud		Capacity / Inhoudsvermoe	Mass / Massa kg
Bearing Size / Laergrootte	11 x 5½					CAUSTIC SODA / BYTSODA		29 080	46 510
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	8/0		Tank Material / Tenkmateriaal	SPEC. SPES CME 9,	SYM SIM 8				
Brake System / Remstelsel	V		Tank Lining / Tenkvoering						
Brake Cylinders / Remsilinders	(V) 2/18	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor						
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65(50)	(L)	Originally designed for / Oorspronklik ontwerp vir	WATER	TREACLE OIL / STROOP OLIE				
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 88,3/32,8	(L)	Converted for / Omskep vir	CAUSTIC SODA / BYTSODA					
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening						
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR-SAS		Date / Datum						

XZ-9

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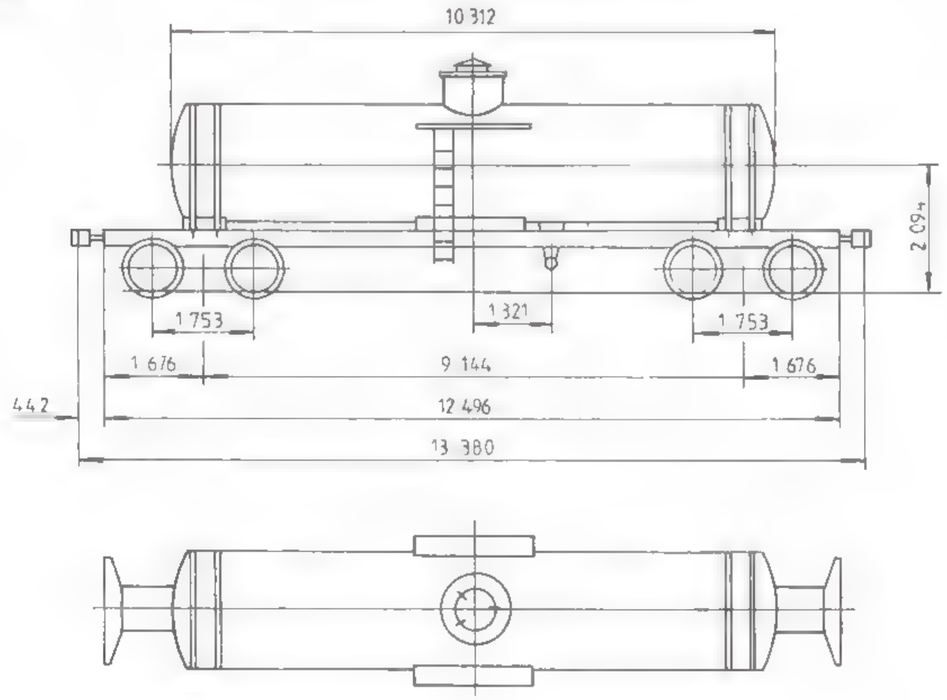

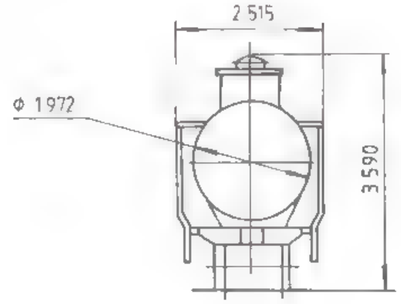

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
48-300 004 /48-300 217	1959 – 61

Remarks :- Opmerkings
DOME TO DRG No. CME 3249/12-000
HELM VOLGENS TEK.
DISCHARGE TO DRG No. CME 68/075016-C92
UITLAAT VOLGENS TEK.

Converted from Omskep van	Date Datum
X-21 (ex XS-5)	1986

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12-A99

Drawing Number Tekeningnommer	CME 115/12-A21
Bogie Type Draaisteltipe	SARCAST
Bearing Size Laergrootte	11 × 5½
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	6/6
Brake System Remstelsel	V
Brake Cylinders Remsilinders	(V) 2/18 (L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50) (L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 85,21/25,43 (L)
Drawgear Equipment Trekwerkuitrusting	AAR M901 E
Coupler / Yoke Koppelaar / Juk	SASKOP–S/SAR–SAS

Centre of Gravity (Empty) Swaartepunt (Leeg)			1 051			
Tank Material Tenkmateriaal			SPEC CME 9 SYM 8 SPES SIM			
Tank Lining Tenkvoering						
Design Limit-Mass on Rail kg Ontwerplimiet-Massa op Spoor						
Originally designed for Oorspronklik ontwerp vir			WATER TREACLE OIL STROOP OLIE			
Converted for Omskep vir			CAUSTIC SODA: D C BYTSODA D S			
Revision Hersiening						
Date Datum						

Capacity (full) l Inhoudsvermoe(vol) l	Tare (Average) kg Tarra(Gemiddeld)	
30 880	19 730	
Contents Inhoud	Capacity l Inhoudsvermoe	Mass kg Massa
CAUSTIC SODA DIAPHRAGM CELL GRADE BYTSODA DIAFRAGMASELGRAAD	30 410	46 380

XZA-1

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting

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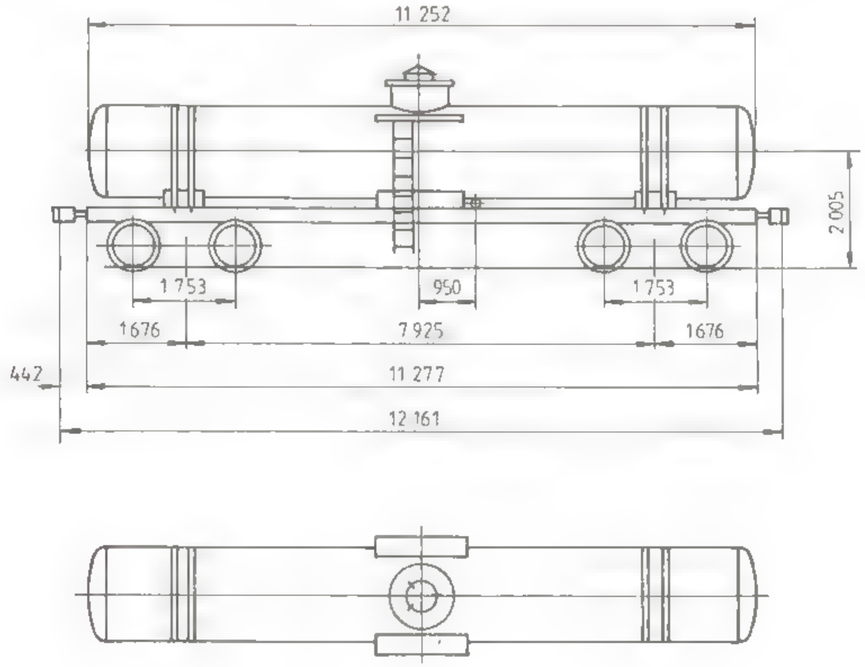
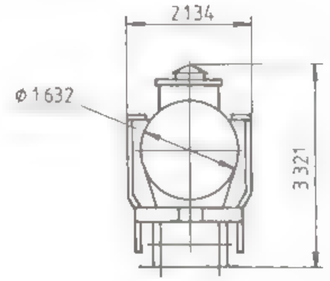
Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulliese kussingrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
B Dual Power - Manually operated / Tweekrag - Handbediening





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
48 - 310 018 / 48 - 310 174 48 - 310 182	1940 - 50

Remarks / Opmerkings : Dome and Discharge To Drg No CME 3249/12-000
Helm en Uitlaat Volgens Tek

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoens en uitsituimtes kyk tekening nommer CME 240/12 - A99

Converted from / Omskep van	Date / Datum
XM - 5 (ex OL XS-4 Orig. Oorspr X-16)	1986
X - 16	1987

Drawing Number / Tekeningnommer		w1/9382 w1/9842 w1/10927		
Bogie Type / Draaisteltipe		DIAM FRAME RUITRAAM	CANCAR	SARCAST
Bearing Size / Laergrootte		11×5½	10×5	11×5½
Springs per Bogie / Vere per Draaistel	Outer / Inner Buite / Binne	4 ELLIP	8/0	6/6
Brake System / Remstelsel		✓		
Brake Cylinders / Remsilinders		(V) 1/21	(L)	
Train Pipe / Treinpyp Brake Pipe / Rempyp		(V) 65 (50)	(L)	
Brake Percentage / Rempersentasie	Empty / Loaded Leeg / Met Vrag	(V) 83,4 / 25,8	(L)	
Drawgear Equipment / Trekwerkuitrusting		AAR M901 E		
Coupler / Yoke / Koppelaar / Juk		SASKOP - S / SAR - SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)		Capacity (full) / Inhoudsvermoe (vol) l	23 030	Tare (Average) / Tarra (Gemiddeld) kg	18 330
		Contents / Inhoud		Capacity / Inhoudsvermoe l	Mass / Massa kg
		CAUSTIC SODA DIAPHRAGM CELL GRADE BYTSODA DIAFRAGMASELGRAAD		23 030	±1 000 MAX MAKS
Tank Material / Tenkmateriaal	SPEC SPES CME 9, SYM SM 8				
Tank Lining / Tenkvoering					
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor					
Originally designed for / Oorspronklik ontwerp vir	WATER TREACLE OIL STROOP OLIE				
Converted for / Omskep vir	CAUSTIC SODA D C BYTSODA D S				
Revision / Hersiening					
Date / Datum					

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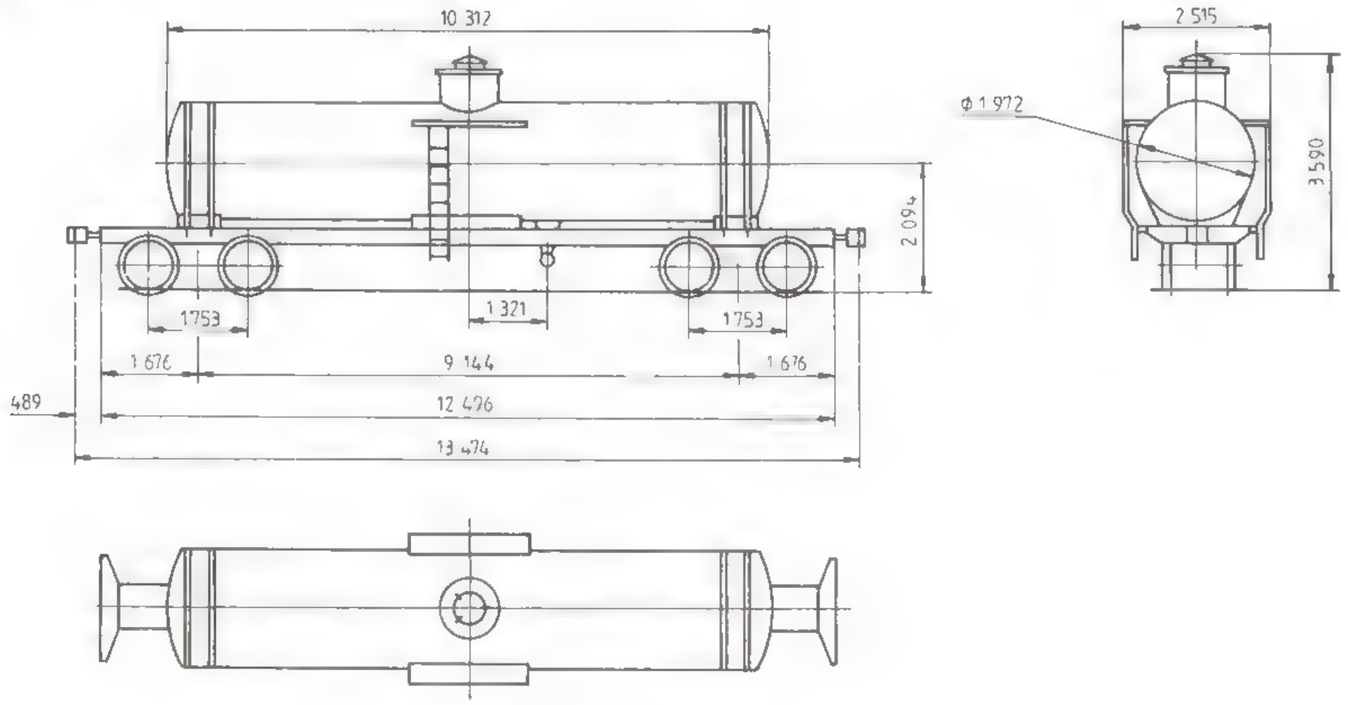

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
48 - 300 004 / 48 - 300 217	1959-61

Remarks / Opmerkings: DOME TO DRG No. CME 3249/12-000
HELM VOLGENS TEK

DISCHARGE TO DRG No. CME 68/075016-C92
UITLAAT VOLGENS TEK

Converted from Omskep van	Date Datum
XZA-1 (ex X-21)	1987-

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12-A99

Drawing Number Tekeningnommer	CME 115/12-A21		Centre of Gravity (Empty) Swaartepunt (Leeg)	1 051		Capacity (full) Inhoudsvermoe(vol) L	30 880	Tare (Average) kg Tarra(Gemiddeld)	17 [illegible]
Bogie Type Draaisteltipe	SARCAST					Contents Inhoud		Capacity Inhoudsvermoe L	Mass Massa kg
Bearing Size Laergrootte	11×5 1/2					CAUSTIC SODA DIAPHRAGM CELL GRADE BYTSODA DIAFRAGMASELGRAAD		30 410	46 380
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	6/6		Tank Material Tenkmateriaal	SPEC CME 9, SYM 8 SPES SIM					
Brake System Remstelsel	V/R		Tank Lining Tenkvoering						
Brake Cylinders Remsilinders	(V) 2/15	(L)	Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor						
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50,	(L)	Originally designed for Oorspronklik ontwerp vir	WATER TREACLE OIL STROOP OLIE					
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 74,3/22,2	(L)	Converted for Omskep vir	CAUSTIC SODA D C BYTSODA D S					
Drawgear Equipment Trekwerkuitrusting	AAR M901 E		Revision Hersiening						
Coupler / Yoke Koppelaar / Juk	SE/E		Date Datum						

XZAJ-1

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device
Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device
Middelbalk hidroulies kussingrigting

Brake System - Remstelsel
A Dual Power - Automatic
Tweekrag - Outomaties
■ Slack Adjuster
Remverstelier
V Vacuum
Vakuum
L Air
Lug
D Dual Power - Manually operated
Tweekrag - Handbediening

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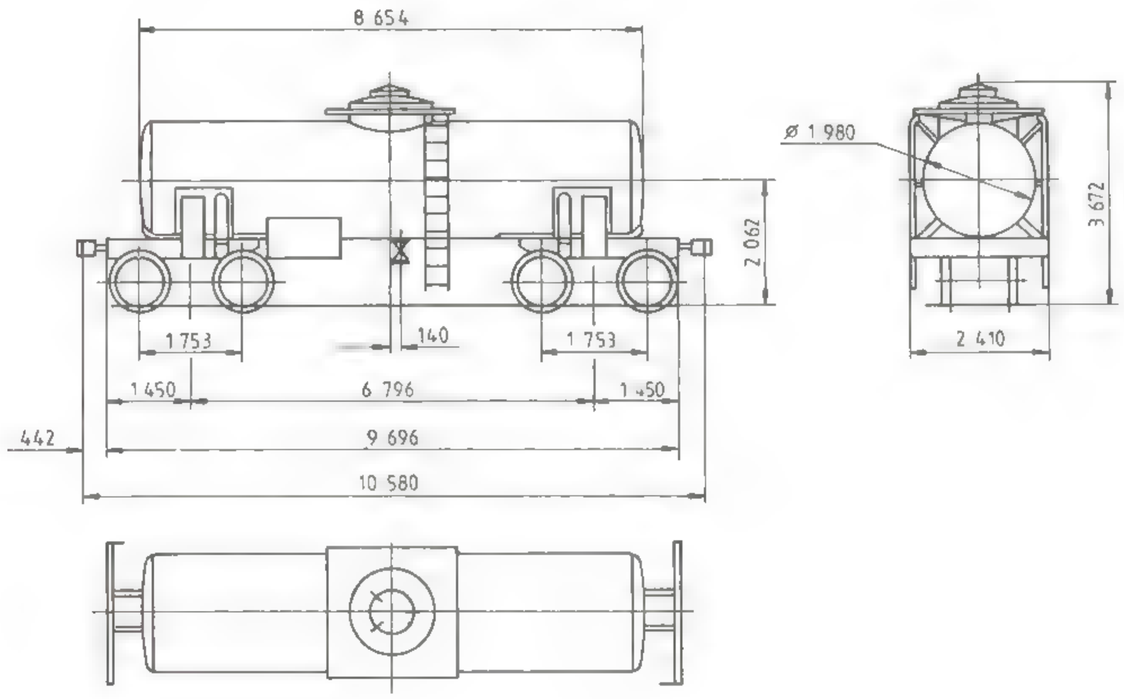
Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting

Brake System - Remstelsel
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening



Remarks
Opmerkings :

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
48 - 013 447 / 48 - 013 714	1975-76
48 - 013 722 / 48 - 014 265	1976

Converted from / Omskep van	Date / Datum
XZ - 5	1989

Drawing Number / Tekeningnommer	W 001 / V010 W 001 / F020
Bogie Type / Draaisteltipe	SPOORBARBER
Bearing Size / Laergrootte	C
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 4
Brake System / Remstelsel	V / R
Brake Cylinders / Remsilinders	(V) 2/18 (L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 69,8 / 27,5 (L)
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 110					
Tank Material / Tenkmateriaal	SPEC CME 9, SPES	SYM SIM 8				
Tank Lining / Tenkvoering	EPOXY RESIN (VEPOX CC21) EPOKSIHARS					
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000					
Originally designed for / Oorspronklik ontwerp vir	CAUSTIC SODA BYTSODA					
Converted for / Omskep vir						
Revision / Hersiening						
Date / Datum						

Capacity (full) / Inhoudsvermoe (vol) L	Tare (Average) kg / Tarra (Gemiddeld)
26 010	19 330

Contents / Inhoud	Capacity / Inhoudsvermoe L	Mass / Massa kg
CAUSTIC SODA BYTSODA	26 010	40 670 MAX MAKS

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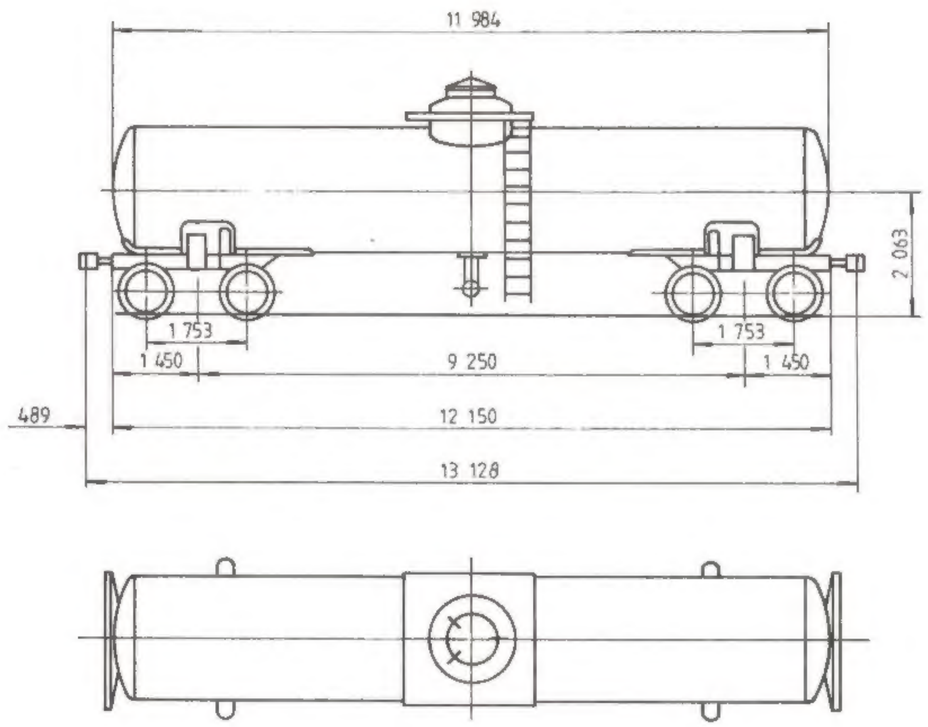
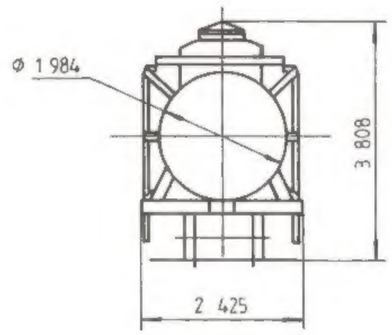
Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
48 - 014 273 / 48 - 015 083	1981

Remarks / Opmerkings :

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	W. 001 / D 058		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 163		Capacity (full) / Inhoudsvermoë (vol) L	36 250	Tare (Average) / Tarra (Gemiddeld) kg	21 340
Bogie Type / Draaisteltipe	H.S. MK VII					Contents / Inhoud		Capacity / Inhoudsvermoë L	Mass / Massa kg
Bearing Size / Laergrootte	D					CAUSTIC SODA / BYTSODA		36 250	58 660 MAX / MAKS
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 10		Tank Material / Tenkmateriaal	SPEC CME 9, SYM 8 / SPES SIM					
Brake System / Remstelsel	V / R		Tank Lining / Tenkvoering	MUNKADUR EPOXY / EPOKSI					
Brake Cylinders / Remsilinders	(V) 2/18	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	80 000					
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	CAUSTIC SODA / BYTSODA					
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 80,9 /23,3	(L)	Converted for / Omskep vir						
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening						
Coupler / Yoke / Koppelaar / Juk	SE / E		Date / Datum						

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Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

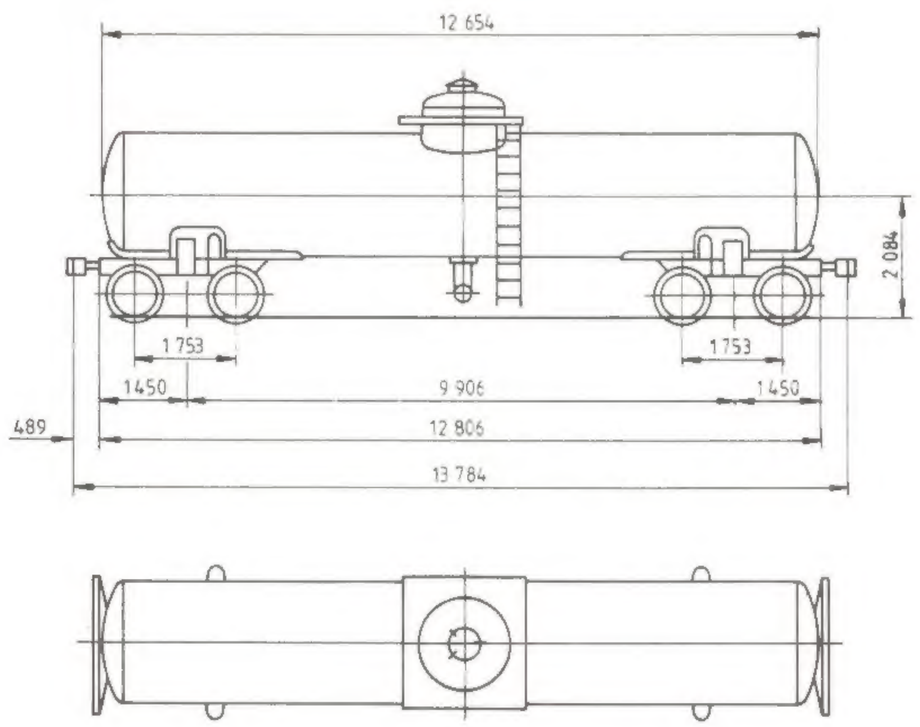
V Vacuum / Vakuum

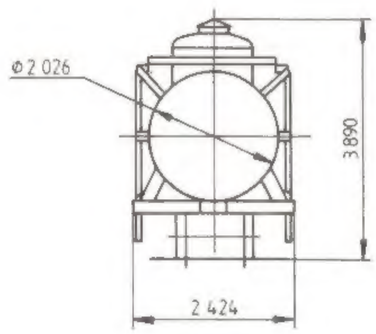
L Air / Lug

D Dual Power - Manually operated / Tweekrag - Handbediening

A Dual Power - Automatic / Tweekrag - Outomaties

R Slack Adjuster / Remversteller





Remarks
Opmerkings

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
48 - 015 091 / 48 - 015 369	1987

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	W 001 / D091		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 249	
Bogie Type / Draaisteltipe	H S MK VII				
Bearing Size / Laergrootte	D				
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 10		Tank Material / Tenkmateriaal	SPEC SPES CME 9, SYM SIM B	
Brake System / Remstelsel	V/R		Tank Lining / Tenkvoering	MUNKADUR EPOXY EPOKSI	
Brake Cylinders / Remsilinders	(V) 2/21	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	80 000	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	CAUSTIC SODA - M.C. GRADE / BYTSODA - KWIKSELGRAAD	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 78,7 / 22,2	(L)	Converted for / Omskep vir		
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening		
Coupler / Yoke / Koppelaar / Juk	SE/E		Date / Datum		

Capacity (full) l / Inhoudsvermoë (vol) l	Tare (Average) kg / Tarra (Gemiddeld) kg	
39 950	22 580	
Contents / Inhoud	**Capacity / Inhoudsvermoë l**	**Mass / Massa kg**
CAUSTIC SODA - MERCURY CELL GRADE / BYTSODA - KWIKSELGRAAD	39 950	57 420 MAX / MAKS

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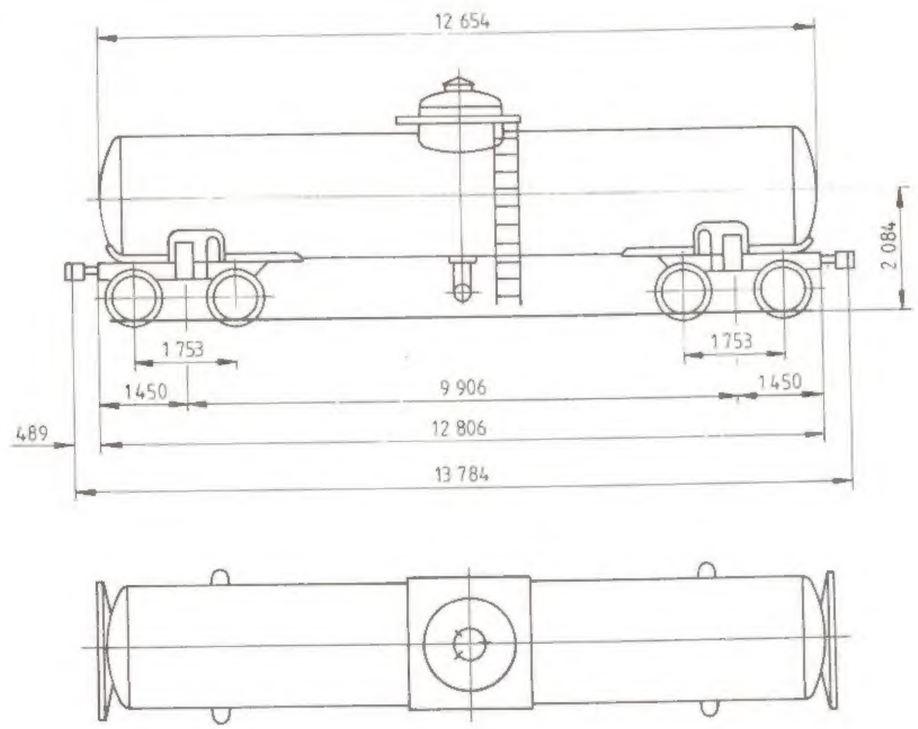
Drawgear Equipment - Trekwerkuitrusting

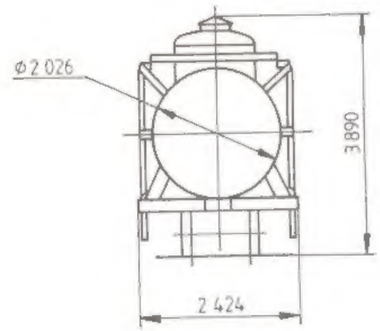
KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
48 - 015 377 / 48 - 015 911	1989 -

Remarks / Opmerkings :-

Converted from / Omskep van	Date / Datum

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W001/D096	
Bogie Type / Draaisteltipe	H.S. MK VII	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 10	
Brake System / Remstelsel	V/R	
Brake Cylinders / Remsilinders	(V) 2/21	(L) 1/10×12
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 78,7 / 22,2	(L) 71 / 20
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SE/E	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 249				
Tank Material / Tenkmateriaal	SPEC SPES CME 9, SYM SIM 8				
Tank Lining / Tenkvoering	MUNKADUR EPOXY EPOKSI				
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	80 000				
Originally designed for / Oorspronklik ontwerp vir	CAUSTIC SODA BYTSODA				
Converted for / Omskep vir					
Revision / Hersiening					
Date / Datum					

Capacity (full) l / Inhoudsvermoë (vol) l	40 120	Tare (Average) kg / Tarra (Gemiddeld)	23 020

Contents / Inhoud	Capacity l / Inhoudsvermoë l	Mass kg / Massa kg
CAUSTIC SODA BYTSODA	40 120	56 980 MAX MAKS

XZLJ-7